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PUBLICATIONS OF THE DIVISION OF WATER RESOURCES EDWABD HYATT, State Engineer

BULLETIN No. 38

REPORT

OF

KINGS RIVER WATER MASTER

For the Period 1918-1930

CHARLES L. KAUPKE, Water Master

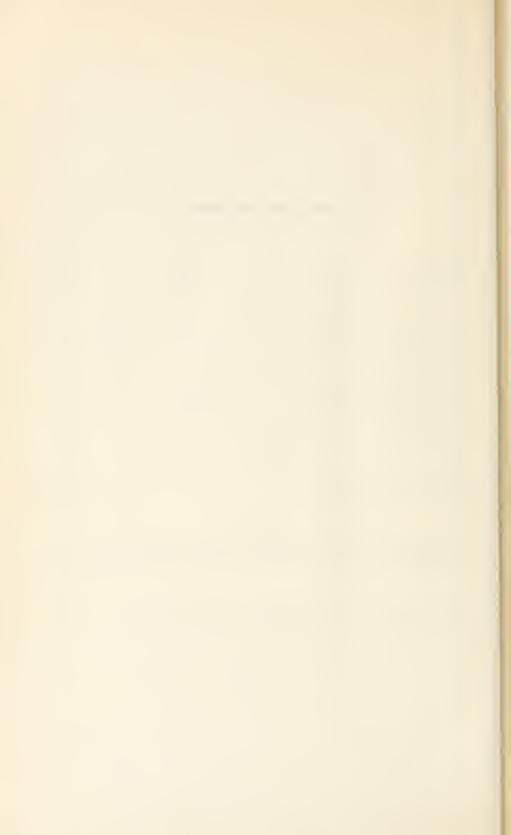
Sacramento, California, 1931





TABLE OF CONTENTS

FOREWORD	Page 7
CHAPTER I	
INTRODUCTION AND RESUME.	9
CHAPTER II	
MAJOR RIVER DIVERSIONS.	15
Chapter III	
CENTERVILLE BOTTOMS DITCHES	257
Chapter IV	
RIVER GAGING STATIONS	337
CHAPTER V	
STUDIES OF THE DIVISION OF WATER BETWEEN NORTH AND SOUTH FORKS OF LOWER KINGS RIVER	
PUBLICATIONS OF THE DIVISION OF WATER RESOURCES	423



LIST OF TABLES

MAJOR RIVER DIVERSIONS

Table		age
1	"A" Canal	17
2	Alta Canal	
3	Beta Main Canal	35
4	Big Mill Race Canal	42
5	Blakeley Canal (Empire Canal No. 3	50
6	Calamity Ditch	56
7	Carmichael Slough	60
S	Consolidated Canal	61
9	Crescent Canal	70
10	Cuthbert Burrel Canal	78
11	Emigrant Canal	83
12	Empire Canal No. 1 (West Side)	89
13	Empire Canal No. 2 (East Side)	95
14	Fresno Canal	101
15	Fresno Irrigation District Canals (combined diversions)	110
16	Gould Canal	119
17	Grant Canal	128
18	Hite Ditch	137
19	Island Canal	138
20	James Main Canal	147
21	Jap Canal	152
22	Laguna Irrigation District Canals (combined diversions)	155
23	Lakelands Canal	164
24	Last Chance Canal	170
25	Lemoore Canal	179
26	Liberty Canal	188
27	Little Mill Race Canal	197
28	Murphy Slough	205
29	Peoples Canal	213
30	Reed Canal	222
31	Stinson Canal	230
32	Summit Lake Riparian Canal	238
33	Turner-Riverdale Canal	245
34	Tulare Lake Canal (Empire No. 4)	253

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CENTERVILLE BOTTOMS DIVERSIONS

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FOREWORD

In 1927 an agreement among Kings River interests was reached and administration of the stream was placed under the Kings River Association. This terminated the active participation of the Division of Water Rights in the work. It was thought advisable, however, to publish a resume and history of the entire matter since the inception of the investigation in 1918, and also to assemble under one cover all the records of canal diversions and stream gagings obtained since the work began. Inasmuch as the records were being continued and as a tabulation of this kind would be most convenient if it terminated in a decennial year, the records to and inclusive of 1930 have been incorporated in this publication.



CHAPTER I

INTRODUCTION AND RESUME

The chief purpose of this bulletin is to bring together in one volume the records of discharge of Kings River and of canal diversions from this stream, for the period beginning in 1918 and ending in 1930. This work was originally undertaken by the State Water Commission * at the request of interests on Kings River which were desirous of organizing a storage project. After the enactment of the California Irrigation Act, this organization resulted in the Kings River Conservation District Executive Committee. Because of the extent and diversity of the interests involved, the organization of a storage project on Kings River probably presented more complications than would be the case on any other stream in the State.

As a prerequisite to consummation of a storage project, the first task before the committee was to settle and define existing rights. Most of the low and medium stage water rights had been defined by court decrees, judgments and agreements but no complete data were available showing whether diversion and use conformed with the decrees. At a meeting of the committee held in Fresno in October, 1917, a resolution was adopted which read in part as follows:

"Whereas, in our judgment it will be a great aid to such cooperation and settlement of rights, if an accurate record be kept from year to year of all water diverted from Kings River and such other data as may be necessary to fix a basis for the just determination of the rights of the various canal interests and communities."

This resolution was sent to the State Engineer with the request that his office furnish the necessary assistance, but he was unable to undertake the task on account of lack of funds. After considerable correspondence between the State Engineer, State Water Commission, United States Geological Survey and the Executive Committee, the Commission agreed at its own expense to keep records of Kings River discharges and all canal diversions therefrom and also of the amount of water flowing to Tulare Lake and the San Joaquin River. The discharge of the river at the toc of the mountains was measured by the U. S. Geological Survey and had been for some years previous. It was understood that all measurements, readings and records were to be made under the direction of the State Water Commission by its engineer. The work of the Commission on canal diversions and discharge of the two distributaries of the Kings River, into Tulare Lake and into San Joaquin River, showed how the water was disposed of each day.

In 1921 the State Water Commission became the Division of Water Rights, State Department of Public Works, and in 1929 the name was changed to Division of Water Resources.

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through a resident water master and under a definite schedule. A "Schedule Committee" was appointed to negotiate a schedule for all established and vested rights on Kings River. A smaller working committee was also selected. All users of water and claimants of water agreed to present their claims in the form of a schedule to this committee. The committee held several meetings, received many schedules and functioned for more than a year. The differences among the schedules were relatively small, but they were, nevertheless, unable to reach an agreement.

This was the status of affairs when it was announced early in 1921 that the riparian law suits (Stinson and Crescent vs. Lemoore) were set for trial in October. It was apparent to all concerned that if these came to trial, long and expensive litigation would result, no further progress on the organization of the storage project would be made, and the benefits of much of the work already done would be lost. Faced with this danger the Board of Engineers met and considered the situation. A subcommittee was appointed with instructions to prepare a form of agreement to be submitted to all water users for approval, which agreement should effect the postponement of the threatening litigation. The agreement provided: That all water users submit agreements to the State Division of Water Rights (formerly State Water Commission) setting forth their claims to the waters of Kings River: that the Division of Water Rights be requested to prepare a temporary schedule for the division and administration of the waters of Kings River for the year 1922 and that, during the operation of the schedule, litigation would be postponed and all rights remain in status quo.

This agreement, after approval by the committee and the Division of Water Rights, was submitted to all interests on the river for consideration, and at a meeting held in September, 1921, was ratified and signed by thirty-five interests, representing more than 95 per cent of the appropriations and an area of more than 1,000,000 acres.

This agreement is such an important document in Kings River affairs, marking as it does the change from the old system to the new that it is here reproduced in part as follows:

That, Whereas, during the last twenty years the water users on Kings River have been endeavoring to reach agreements that would permit of the construction of the Pine Flat Reservoir for the conservation of the flood waters of Kings River, without successful accomplishment, the principal difficulty in connection therewith being the failure to agree on a schedule for the division of the waters. * * * * The schedules that have been presented during the past few months have no fundamental or radical differences that apparently would justify failure to reach some final conclusion and it is, therefore, believed that some independent and impartial authority would have no serious difficulty in harmonizing them; and

Whereas, * * * Said State Water Commission and Division of Water Rights have collected accurate and extensive measurements of the water of all the

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Year by year the need for a permanent settlement of the water rights was becoming more apparent. The State Engineer in setting forth the requirement of his office before he would approve the organization of a storage project addressed a communication to the Kings River interests in January, 1925, wherein it was stated that:

"One of the first essentials of a safe bond issue is a secure title to the water to be developed. The apportionment of costs and storage by the State Irrigation Board and the certification of the bond issues of any unit will necessarily be dependent on the ability of the units to show adequate security of title to their water rights.

"The reaching of some form of agreement on such titles between the parties directly concerned is, however, a necessary prerequisite to the actions which these State officials must take in connection with this project. Such an agreement must be in sufficiently definite and complete form so that its application will be definite and certain. It must also be sufficiently binding on the parties concerned so that the State Irrigation Board and the Bond Commission will be justified in relying on its enforcements. To permit of favorable action by these boards, its terms must be such as to result in an adequate water supply at feasible cost for all units it is proposed to include."

An engineering "Committee of Three" was appointed to prepare a complete setup of the water rights on Kings River in acre-feet per annum. In this connection it was found necessary to prepare schedules of rights in cubic feet per second varying by months, in accordance with the established practice, for various river stages. These schedules were incorporated in a Water Right Indenture dated May 3, 1927, and ratified by 19 irrigation units comprising an area of 958,000 acres.

To provide the necessary machinery to administer the monthly flow schedules these units entered into an administrative agreement creating an association known as the Kings River Water Association. All of the functions performed by the State Water Commission and its successor the State Division of Water Rights from 1918 to 1927, both inclusive, were taken over by this association. There, however, was a desire to maintain contact with the Division of Water Rights and to accomplish this the administrative agreement provides: "That the water master shall be a competent hydraulie engineer nominated by the chief of the Division of Water Rights" and "That any party may appeal to said chief of the Division of Water Rights from any decision of said water master." The agreement became effective January 1, 1928.

The only interests on Kings River having water rights or claiming rights who declined to become parties to the schedule agreement of September. 1921, are in an area known as Centerville Bottoms and comprising 10,000 or 12,000 aeres of river bottom lands traversed by the main channel of Kings River and by many sloughs and old channels carrying part of the stream flow during high water only. It is irrigated by no less than twenty ditches and pumps. As some of these ditches are among the oldest on the river, and as part of the water diverted drains back into the river and the quantity actually used is

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KINGS RIVER AREA

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CHAPTER II

MAJOR RIVER DIVERSIONS

The work was begun on these canals in January, 1918, and continued without interruption until the present time. Records of gage heights were kept by means of water-stage recorders. Discharge measurements were made from time to time depending on the location and character of the canal. The canals diverting near the foothills have elean channels, permanent cross-sections and relatively high velocities, and the ratings show very little change from year to year. On the lower river, canal gradients are very flat, in most instances less than one foot per mile. Raising or lowering a check gate or opening a side gate two or three miles down the difch may have a noticeable effect on the rate of flow at the intake. At high river stages large quantities of sand are deposited in the upper reaches of the canals. In the late spring and early summer months, kelp and tules grow abundantly, greatly decreasing the rate of flow. In one instance no less than a dozen different rating curves were used in a single year.



CHAPTER H

MAJOR RIVER DIVERSIONS

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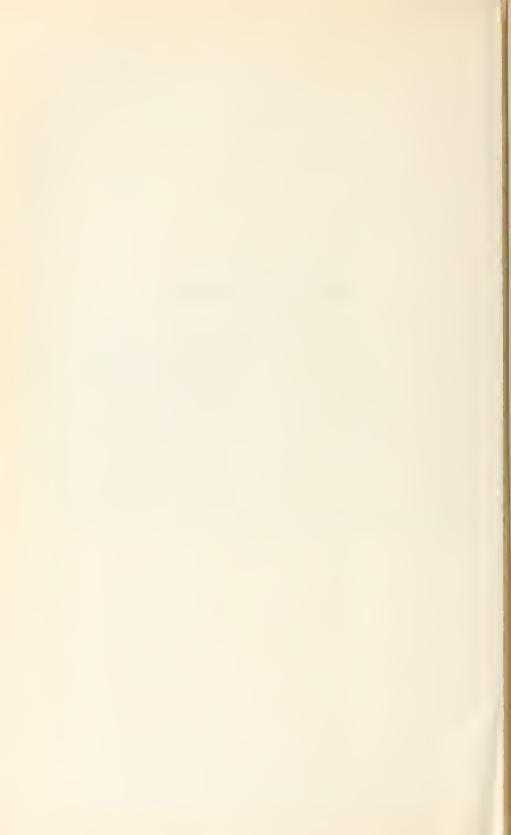


TABLE I, "A" CANAL

Location of Intake. At a point 1,000 feet North and 400 feet West of the Southeast corner of Section 22. Township 17 South, Range 214 ast, M. D. B. and M. Delivers water to a portion of the Laguna Irrigation District on the north side of Kings River in the vicinity of Laton. Gagings are made from a plank footbridge and by wading. Gage heights are by observations on a staff gage until 1928 and since then by seven-day water stage recorder.

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.
4		3 7 3 7 3 6 3 6 3 6	3.5 3.5 3.5 3.5 3.5	9 0 9 0 9 0 9 1 9 1	10 1 10 2 13 8 17 5 21 1	9.7	3 0					
7 8 9		3 6 3 6 3 6 3 6 3 6	3.5 5 2 6 9 8 6 8.6	9 1 9 1 9 1 9 2 9 2	24 S 24 0 23 2 22 4 21 6	12 8 13 1 13.5 13 9 14 2						
12 13 14		3 6 3 6 3 6 3 6 3 6	8 6 8 6 8 7 8 7	9 2 9 2 9 1 9 0 8 9	20 7 19 9 19 1 18 3 17 5	14 6 15 0 15 4 15.7 16.1						
16 17 18 19 20	3 8 3 7 3 7	3 6 3 6 3 6 3.5 3.5	\$ 7 \$ 7 \$ 7 \$ 8 8 8	\$ 8 8 7 8 6 8 5 8 8	16 7 16 0 15 4 14 7 14.0	16.5 16.8 17.2 17.6 18.0						
21 22 23 24 25	3 7 3 7	3 5 3 5 3 5 3 5 3 5 3 5	8 8 8 8 8 8 8 9	9 1 9 3 9 4 9 5 9 6	13 0 11 9 10 9 9 9 8 8	17 6 17.2 16.8 16 4 14 5						
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TABLE 1. "A" CANAL Continued
Daily Diversion in Second-feet

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1921— 1 2 3 4 5	5 5 5 6 6	11 12 12 12 12 13	4 6 7 8 9	8 8 8 8	24 26 25 25 24	10 11 12 14 15	13 13 12 11					
6 7 8 9 10	6 7 7 8	13 13 12 11 10	10 11 12 12 12 12	8 8 9 9	22 19 16 13 16	16 15 14 13 12	10 9 9 8 7					
11 12 13 14 15	8 8 9 9	10 10 11 11 11	12 13 13 13 13	9 9 9 9	18 16 18 19 21	11 10 10 10 10	7 6 5 4 4					
16 17 18 19 20	10 10 10 11 11	11 11 11 11 11	12 11 10 10	9 9 10 10 10	22 20 17 14 12	10 10 10 10 10	3 2 2 2 2					
21 22 23 24 25	12 12 11 10 9	10 7 5 2	10 8 9 9 8	10 10 10 10 10	12 12 12 16 17	14 18 18 18 18	2 2 2 1 1					
26 27 28 29 30 31	9 10 10 10 11 11	1 2 3	8 8 7 8 8	13 15 17 19 22	18 20 19 17 16 13	19 19 18 16 15	1 1 1 1					
1922— 1 2 3 4 5	4 4 4 4 4	6 6 7 7	4 4 5 5 5	4 5 6 6	24 23 26 25 27	10 10 7 8 11	11 11 10 10	2 2 1				
6 7 8 9 10	4 4 4 4	7 8 8 8	5 5 5 4 4	5 5 4 4 4	23 20 17 14 11	14 18 18 17 15	13 16 14 12 9					
11 12 13 14 15	4 4 3 4	8 6 5 4 4	4 4 4 3 3	4 4 4 4	10 5 7 10 14	13 11 10 10 9	9 8 7 7 6					
16 17 18 19 20	4 4 4	3 3 3 3	3 3 3 4	4 4 4 4	18 16 14 12 10	6 7 7 7	6 5 4 2 7					
21 22 23 24 25	4 4 4	2 2 2 2 3	4 4 4	8 8 9 10 14	11 11 12 12 13	7 8 8 9 10	6 5 5 5					
26 27 28 29 30 31	5 5 5 5 5	3 4	4 4	14 16 18 20 22	13 13 12 12 11 11	11 13 15 13 12	3 3 3					

TABLE 1 A CASAL Continued

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TABLE 1. "A" CANAL—Continued Daily Diversion in Second-feet

Daily Diversion in Second-feet												
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17 18 19 20					5 6 7 9	7 6 6 6						
24 25 26 26		4 14		1 1 1 1 1 1	18 22	7 7 7 7 6						1 2 2 2 2
29		14 14		1 1 1 1	21 22 23 22 21 19	5 5 4			1			2 2 2 2 2 2 2
1	3 3 3 1				19 19 21 24 27	20 26 22 20	15 15 15			1 1 2 2 2		
6 7 8 9 10			**********	18 13 11 23 13	27 24 24 24 24 22	20 18 16 17 12				1	7 7 7	
12 13 14 15		2		12 2	20 21 14 16 18	11						
17 18 19 20 21				15 22 23 16 10	17 20 22 22 22 19	15						
23 24 25				18 23 19 21		15 15 15 15 15					9 10	
27 28 29 30 31				18 19 17 20		16 16 15 15 15					12 10 10 4	

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TABLE 1. "A" CANAL Continued Daily Diversion in Second-feet

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		14	11							2		
15		14	12							2		
16		13	13							9		
17		14	13							2 2 2 2 2		
18		15								2		
19		15								2 2		
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21		15								2		
		16								2		
23		12								2		
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TABLE 1, "A" CANAL Continued Summary of Monthly Diversion in Acre-feet

1930	1		0 0 0 0 0 0 0 0 0	1 00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1020	1	513 818	198		1,676
1925		315	10	77 89	1,215
1097		1 () () () () () () () () () (1,135 681 166		2,208
1926	1	73 67	832 691 88	00 TST .	2,616
1925		155 155 156 156 156 156 156 156 156 156	040 561 185 851	3 3 3	1691
1924		26 127 294 294	555	65 64 53 64 60	1,089
1923		107 137 48 701	1,034 456 321 220	34	3,118
1922		25222	288 444 444 444 444 444		3,209
1021		538 507 590 620	1,107 806 301	:	4,469
1920		459	1,437		4,527
1939		248 529	1,486		3,029
2101		110 198 465 546	891 810 8		3,026
	1	January February March April	May June July Angust	September October November Dreember	Totals

TABLE 2 ALLA CANAL

Da Di era S i-free											
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TABLE 2. ALTA CANAL—Continued
Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1920 1			441 0 132 0 0 0	0 0 0 0 0 0 0 0 0 0	694 0 741 0 802 0 833 0 822 0	1.089 0 1,126 0 1,144 0 1,119 0 1,116 0	49 3			64 9 126 8 111 8 124 2 124 2	296 6 277 0 280 5 278 8 281 2	
6 7 8 9				105 0 171 0 257 0 350 0 353 0	936 0	1,135 0 1,134 0 1,131 0 1,159 0 1,166 0				126 S 172 S 264 1 252 6 270 0	190 6 124 2 140 4 143 2 147 4	
11 12 13 14 15				154 0 12 0 10 7 10 2 67 0	904 0 936 0 918 0 951 0 968 0	1,166 0 1,112 0 1,110 0 1,082 0 1,030 0				291 0 291 0 316 0 305 S 328 0	141 S 184 0 163 7 124 2 140 4	
16 17 18 19 20				371 0 317 0 267 0 326 0 359 0	1,021 0 1,031 0 1,045 0 1,067 0 1,051 0	1,008 0 951 0 1,008 0 1,022 0 1,078 0				328 0 328 0 365 0 440 0 365 0	202 8 218 8 225 4 225 4 252 6	
21 22 23 24 25			\$6 0 124 0 30 0	19.7	1,029 0 1,101 0 1,061 0 1,046 0 1,056 0	1,084 0 1,100 0 1,100 0 844 0 794 0				365 0 361 3 361 3 365 0 376 4	17 3	
26. 27 28 29 30				446 0 578 0 728 0	1,081 0 1,148 0 1,131 0 1,128 0 1,118 0 1,100 0					384 0 336 8 298 4 323 1 331 7 335 4		
921 — 1			214	339 433 470 384 277	1,094 1,094 1,010 1,090 1,128	668 696 784 895 880	759 840 760 602 314			141 144 149 146 149		
6				40 131 264	986 750 700 794 990	928 946 1,010 1,010 1,080				149 151 169 190 203		
11 12 13 14 15		· · · ·	336 336	297 214 215 147 33	1,120 1,066 1,066 1,061 1,080	1,058 1,090 1,116 1,120 1,144				220 217 211 210 206		
16			240 271 336 271 93	370 474	1,080 1,024 934 928 740	1,090 \$16 687 691 874				\$3		
21 22 23 24 25				592 712 858 732 566	860 852 910 894 740	1,020 1,094 1,150 1,170 1,082						
26 27 28 29 30 31			138	602 747 965 1,010 1,010	754 653 634 635 604 616	1,024 1,046 1,046 978 \$28			25 130 138			

TARLE ALIX ASAL

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TABLE 2. ALTA CANAL Continued
Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1924-							-	-	-			1
1 2 3 4 5 6 7 5 9					282 429 432 480 338 270 483 614 703 703					56 74 30	**	
10 11 - 12 13 14 15				22 92 28	422 300 184 78 66						87 170 178 140 53	
17 18 19 20 21 22 23 24 25				- 75 150	146 101 79							
26 27 28 29 30				51								
1925— 1 2 3 4				35 101 306	617 993 1,120 1,187 1,200	1,145 1,029 1,007 932 720	418 555 447 375 290				24 23 5	
6 8 9 10	i	178 330 62		445 37 97 0 308	1,212 1,225 1,220 1,205 1,090	528 560 735 937 985	160 60					
11 12 13 14 15		143		595 722 757 845 887	1,020 943 848 743 762	1.015 1.077 1.195 1.185 1,090				63 162 177 175		
16 17 18 19 20				937 867 790 762 720	984 960 1,049 1,072 1,020	1,020 965 965 985 992	29 158			152 102 102 102 102 106		
21 22 23 24 25				550 354 197 165 275	970 985 1,077 1,150 1,232	995 970 932 947 905	58			116 102 95 95 95		
26 27 28 29 30 31			61	388 625 777 807 695	1,255 1,255 1,275 1,262 1,232 1,169	888 595 773 620 487	620 487			95 95 86 67 53 39		

TALES ALTA CANAL stord

Day Diers mi he and feet

1000	14	(twell	1		1.00		V-1	-0.	100		100
1924			6	- 4	6 6				•		
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strone lands			-6	6						6	
1920	,	6 6 6 6 6 6	4 4 4	6 6 6	40				1990	510	120
Brend, Service	DE 151 131		11	- · · · · · · · · · · · · · · · · · · ·	-4 (4	SHILT 11104					
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TABLE 2. ALTA CANAL Continued
Daily Diversion in Second-feet

Daily Diversion in Second-feet												
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1928 - 1 2 3 4 5				50	1,101 1,040 930 930 995	920 920 940 930 930						
6. 7 8 9				68 181 175 140 164	1,022 1,011 1,015 948 832	902 802 652 446 294						
11 12 13 15				228 315 322 207 232	875 1,005 1,120 1,082 1,015	147						•
16 17 18 19 20				260 262 147 62	1,005 930 913 902 913							
21 22 23 24 25			48 457 948	151 287 136	913 826 895 987 1,015							
26 27 28 29 30			937 1,035 592 294 154 110	175 390 710 900 1,005	1,015 1,015 1,113 1,130 1,165 960							
1929—					449 \$18 1,025 1,035 1,000	415 282 363 466 385	72					
6 7 8 9 10.					1,000 993 993 1,042 1,021	282 256 188 45 181						
11 12 13 14 15					993 993 987 1.077 1,114	270 262 282 442 570						
16 17 18 19 20				167 259 142 16	1,021 1,085 1,197 1,205 1,056	966 1,056 581 782 593						
21 22 23 24 25					987 980 987 987 1,077	638 720 666 570 410						
26				190	1.028 \$49 570 434 350 490	359 356 270 248 253						

Dail Liers i Se feet

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0	1.						100	
ł.			100					
2000	g 8	4						

TABLE 2. ALTA CANAL Continued Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Mean		Maximum	Minimum	Mean
March April May June July October November	310 0 862 2 958 6 1.189 6 735 5 478 2 194 5	0 0 651 2 654 0 0 0 0 0 0 0	69 0 442 8 813 7 942 1 85 2 351 4 6 5	1925 February March April May June July October _ November	330 61 937 1,275 1,195 555 177 24	0 0 0 617 487 0 0	25 2 469 1,072 916 82 67 2
The year	\$63 8 1,020 0 \$70 0 166 0	0 0 0 0 734 2 0 0 0 0	226 4 464 3 904 9 257 4 20 2	The year 1926 February April May	1,275 152 1,199 1,324	0 0 0 475	220 8 763
The year	1,020 0	0 0	137 8	June October November December	935 79 756 296	0 0 0 0	974 207 7 90 70
March April May June July October November	441 0 728 0 1,148 0 1,166.0 48 3 440 0 296 6	0 0 0 0 691 0 141 0 0 0 64 9 0 0	26 2 201 4 979 5 953 6 1 6 285 0 155 4	The year 1927 February March April	1,324 820 496 1,029	0 0 0 0	391 223 457
The year	1,166 0 336 0 1,010 0	0 0	216 3 72 0 397 0	June July October November	1,468 1,333 917 53 515 285	1,035 666 0 0 0	1,205 1,210 418 3 332 21
May June July September October	1,128 0 1,170 0 840 0 138 0 220 0	604 0 668 0 0 0 0 0 0 0	896 0 967 0 106 0 10 0 88 0	The year 1928— March April	1,468 1,035 1,005	0 0	355 144 219
The year 1922— February	1,170 0	0 0	211 2	April May June The year.	1,165 940 1,165	826	988 263
March April May June July August October	1,018 0	0 0 708 0 791 0 0 0 0 0 12 0	302 0 906 0 991 0 523 0 9 0 41 0	1929— April	259 1,205 1,056 72	0 350 45 0	26 930 450 2
The year	1,212 0 575 0 1,150 1,243 1,022 186	0 0 629 538 0	233 2 292 885 918 266 6	The year 1930 March April May June November	79 915 1,113 1,131 171	0 0 0 0	3 331 505 631 9
July September October November The year	357 129 1,243	129	279 58 225	The year	1,131	0	123
1924 – April May October November	150 703 74 178	0 0 0 0	17 202 5 21				
The year	703	0	20				

TABLES ALTA ("ANM" Continued Summary of Monthly Diversion in Acre-feet

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	122 300	

TABLE 3. BETA MAIN CANAL

Location of Intake: At a point 600 feet South and 1200 East of the Northwest corner of Section 7. Township 16 South, Range 17 East M. D. B. and M. Delivers water to the Tranquillex Irrigation District and to that portion of the James Irrigation District lying on the westerly side of Fresno Slough.

Gaging Station consists of a wooden footbridge constructed in the year 1927. Prior to that time gagings were made from a road hridge just below the headque and by waiding.

Equipped with a seven-day water stage recorder in a wooden well.

Day	Jan.	Feb.	March	April	May	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1918— 1 2 3 4 5					0 0 0 0 0 0 0 0	31 6 32 5 26 0 23 7 60 5	45 0 39 0 34 0 25 6 16 7	· · · · · · · · · · · · · · · · · ·				
6 8 9 10					6 0 42 5 84 5 96 0 98 0	42 5 42 5 47 7 59 9 78 3	19 5 15 5 11 5 9 5 7 0					
11 12 13 14 15 .					88 5 70 0 55 0 42 5 37 5	76 0 77 5 78 0 81 0 82 7	4 0 2 5					
16 17 18 19 20					35 9 63 5 91 4 74 5 51 9	70 7 39 0 75 0 78 0 77 5						
21 22 23 24 25				13 0 11 5 9 5	41 0 50 0 83 3 88 7 76 5	73 3 81 0 79 0 77 0 72 5						
26 27 28 29 30 31				9 5 6 5 4 0 0 0 0 0	S0 3 74 9 70 1 48 4 33 0 24 9	77 5 75 5 70 0 62 5 53 5						

TABLES BETA MAIN CANAL Come and

(10	E	1-	lend	Mar	1-	16	And	lad.	f 1:1	\ -	[hee
1919 -				4.1	Pacce						
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				4 - 5	117						
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1920						90.5					
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10 0000H				5000							
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R											

TABLE 3. BETA MAIN CANAL—Continued

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1921—						107	70					
3						107 103 92	67 49 34					
5 6.						95 95	23					
7 8 9			\			93 118						
11						100						
12 . 13 14					40	135 137 133 122)					
16 17					57 77	111 115						-
18 19 20					44 41 41	111 75 29			-			
21 22 23 24					41 41	2						
23 24 25		********			42 43 42	0 18 108						
26 27 28					43 42 43	127 102 90						
28 29 30					199 299 1 50	85 75						
1922					46	147	127					
1 2 3 4 5					66 77 106 154	144 141 140 138	127 122 110 128 136					
6 7 8 9 10					177 177 196 201 192	140 138 129 126 125	132 128 126 129 126					
11 12 13 14 15				20 39 39 30	178 172 173 164 170	132 130 124 126 128	118 95 80 89 87					
16 17 18 19 20				30 30 30 30 30 28	179 160 159 157 157	122 126 134 134 130	79 69 54 43 32					
21 22 23 24 25				28 26 25 22 14	160 160 155 155 157	134 136 128 123 123						
26 27 28 29 30 31.				9 9 16 15 14	168 162 161 158 153 118	124 128 124 130 129						

TABLE 3 BETA MAIN CANAL Continued
Daily Diversion in Second-feet

-	-Tarri	Till	March	V e	Ma.	Yele	les	4 of	v _j l,	b-	V-	[here
1923 1 1 1 1 1 1 1 1 1 1 1 1 1		1 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Special Control of the Control of th	4 4 4 4 4 4 4 4 4 4	4 4 5 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					point - Same	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						

TABLE 3. BETA MAIN CANAL - Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1926 — 1 2 3. 4 5					46 51 70 78 87	41 24 13 6 3						32 50 50 37 24
6 - 7. 8 9				·•	133 160 162 124 71	1		:				15
11 12 13 14 15 16 .	1				56 51 56 31 17			! !				
17 18 19 20	 		•		18 45 115 124 130 98							
21 22 23 24 25 26 27 28 29	\				110 123 129 135 107							
30 31 927 —			42	10	76 53 45 42	97	83		4 -		7	
3 4			12 0	22 35	80 85 86 92	99 98 98 98 98	54 49 42 42					
8 9 10				45 52 49	117 116 116 118 115	100 100 100 99	34 25 16					
12 13 14 15	· • • • • • • • •			31 21 20 16	109 95 97 103	99 100 104 106						
17 18 19 20		93 110		8 5	114 117 117 117 120	106 104 103 103		-				
21 22 23 24 25		110 110 115 113			98 99 95 89	104 106 105 105						
26 27 28 29 30		102 89 71		5 49 61	89 94 96 100 98 96	106 105 104 100 100						-

TABLE & BETA MAIN CANAL Comment

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1519	9. 9.	8		1923		4	•
You come	1	***	- 1	12	4		
1919	6	-	22	1925		- 31	
Hiros.	111		4.0	12	-		- 6
1979	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	A	5)	1926	16		t
Date	===	111	9.1	1	1	10	4
1921 V(s)	41	Ĥ	4	Te re		-	4
Thister	343		100	19.71			
19.27 \ \1.a	90		-	15	4	4	=
The Cont	197	71	200	15-75-	100		. "

TABLE 3. BIFTA MAIN CANAL Continued Summary of Monthly Diversion in Acre-feet

	1930	noistavib oX.	
	1929	повлэчів оХ.	
	1928	noiste7tb oZ	
	1927	2,026 107 936 6,285 6,285 836	16,239
	1926	20 5.059 174 1412	5,679
	1925	1,016 2,079	3,113
100	1924	noisteath oN	
	1923	9,321 4,273 6,033 4,489 928	18,128
	1922	899 7,744 3,980	22,107
	1931	2,544 5,536 481	8,381
7	1920	5,033 5,885 25	10,943
1	1016	3,894	5,850
	1918	3,785 3,787 45.6	7,514
14		January Pebruary March April May Juns July September October November December	Totals

TABLE 4 BIG MILL RACE CANAL

TABLE & BIG MILE The second secon

Daily Diversion in Se. ad-feet

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4 2		9 1 9 5 9 5	9 0 40 5	11 2	4 2 4 2 4 3	-	46 3		
1 3 4 5		4° = 3 * - 4	4	•	5 4				
1		5 4 5 3	6 1 4	11	3	3	6 6 6 8 4		
-11			1	1 3	15 . 4 . 1 13	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 3		
4		4 1	4 - 3 - 1	5 1	13				

TABLE 4. BIG MILL RACE CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
3			35 2 28 3 25 5 36 5 43 0	36 9 33 9 38 1 44 9 44 0	58.5 82.7 95.2 104.6 112.8	74.6 72.7 68.5 73.9	2.2 2.1 2.2 2.5 2.5					
6 7 8 9			35 1 30 9 34 2 31 1 29 8	54 2 46 4 29 0 24.1 24.1	112 S 114 S 107.4 94 1 92 2	67.8 73.5 68.3 46.0 29.6 28.3	2.5 2.2 2.1 2.1 4.7					
12 13 14		13.1 49.7 57.1 42.1 31.1	27 3 24.9 24 9 29 5 41 6	24 3 21.9 21.8 17 8 16 4	93.8 94.3 94.8 95.3 95.9	32.5 17.1 13.9 11.5 6.7	7 0 7.5 8 3 9.7 8.9					
17 18 19 20		30.3 25 9 22.1 21 7 21.2	47.5 38 1 33 0 30.1 30.4	14.7 14.6 16.2 19.9 24.1	96 4 95 7 93.3 98 0 99.1	6.2 6.8 6.9 5.5 5.5	7 0 6.9 6.8					
21 22 23 24 25		21.1	38.4 42.4 34.6 26.2 22.9	28 8 35 2 43.2 37.9 39 7	94 3 99 1 105.0 105 0 99.5	5.5 4.2 3.7 3.0 3.0	6.7					
27 28 29 30		20.5 20 9 32 4	21.0 21.4 22.1 26.4 29.2 33.4	40.1 30.0 21.2 17.5 22.0	50.9 53.1 55.3 62.1 80.6 79.0	2.9 2.9 2.6 2.6 2.4						
3 4				36.5 34.6 31.5 31.4 33.4	52.9 46.2 38.2 37.3 37.6	126.7 128.0 128.0 127.6 128.6	15.4 16.3 15.3 15.7 17.5					
7 8 9				36.4 39.0 41.0 41.8 41.9	34.1 43.0 54.7 55.0 61.1	131.1 129.2 129.2 129.8 129.2	15 3 13 8 9 6 6 6 5 4					
12 13 14 15				45 7 29 1 18.6 19 3 18 9	50.8 42.4 46.0 39.5 38.8	123.5 97.3 86.7 102.2 95.0	5.2 5 2 11.7 7.0 4 1					
17 18 19				17.5 92.4 74.2 37.7 19.6	50 1 68 7 79 5 97 1 117.4	78.5 70.3 59.4 54.6 66.4						
-0				9 8 6 0 3.8 3.0 3.0	117 8 112.5 104.9 106.0 102 3	53 1 45.2 52 7 49 0 36.6						
29 30				2 8 2.0 1.0 0.8 9 2	86 7 101.4 106.6 113 5 120 1 122 5	24 8 16.5 12.6 10 2 10.0						

TAILE 4 HIG MILL RACE CANAL Continued

	Total Total	β P	These	-	Mar	T		-		et	[ber
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TABLE 4. BIG MILL RACE CANAL Continued
Daily Diversion in Second-feet

	-		222 233 38 50 49 73 102 108 111 112 113 113 113 114 120 124	724 500 264 118 255 300 49 733 832 664 48						
		\$3 90 54 46 70 86 77 75 76 80 84	35 50 49 73 93 102 108 111 112 113 113 113 114 120 124	50 26 14 18 25 30 22 30 49 73 83 83 83 66 48	37 41 39 32 22 13 5 3 2 2 13 1 1					
		83 90 54 46 70 86 77 75 76 80 84	35 50 49 73 93 102 108 111 112 113 113 113 114 120 124	26 14 18 25 30 22 30 49 73 83 82 66 48 38 28	41 39 32 22 13 5 3 2 7 8 3 1					
		83 90 54 46 70 86 77 75 76	49 73 93 102 108 111 112 113 113 113 113 114 120 124	18 25 30 22 30 49 73 83 82 66 45 38 28	32 22 13 5 3 2 2 8 3 1 1					
		83 90 54 46 70 86 75 76 80 84	73 93 102 108 111 112 113 113 113 113 114 120 124	25 30 22 30 49 73 83 82 66 48	22 13 5 3 2 7 8 3 1					
		53 90 54 46 70 86 77 76 80 84	93 102 108 111 112 113 113 113 113 114 120 124	30 22 30 49 73 83 82 66 48	13 5 3 3 2 5 3 1 1 1					
		90 54 46 70 86 75 76 80 84	102 108 111 112 113 113 113 113 114 120 124	22 30 49 73 83 82 66 48 38 28	5332					
		46 70 86 77 75 76 80 84	108 111 112 113 113 113 113 113 114 120 124	30 49 73 83 82 66 48 38 28	3 2 8 3 1 1					
	-	70 86 77 75 76 80 84 84	112 113 113 113 113 113 114 120 124	73 83 82 66 45 38 28	\$ 3 1 1					
	-	\$6 77 75 76 76 80 84 84	113 113 113 113 113 114 120 124	83 82 66 48 38 28 15	\$ 3 1 1					
		76 80 84 84	113 113 113 114 120 124	\$2 66 48 38 28 15	3 1 1					
		76 80 84 84	113 113 114 120 124	38 28 15	1					
 		76 80 84 84	113 114 120 124	38 28 15	1					
 		84 84	114 120 124	28 15						
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 		84	124							
 		71	100							
 			150	12						
 		58	118	14						
		58 57 52	110 106	9 8						
		42	111	12						
		34	116	12						
 		24	116	12						
 		11	112	18						
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 		8								
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			24 11 12 24 24 11 12 24 24 25 26 27 29 28 29 29 20 30 30 30	24 116 11 112 1 104 12 99 24 92 87 1 6 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24 116 12 11 112 18 1 104 26 12 99 29 24 92 31 87 1 1 6 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24 116 12	24 116 12 11 112 18 1 104 26 12 99 29 24 92 31 87 1 1 6 1 1 3 1	24 116 12 15 11 112 15 1 104 25 1 25 1 104 25 1 25 1 104 25 1 299 29 29 20 24 92 31 25 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	24 116 12 11 112 18 1 104 26 12 99 29 24 92 31 87 1 1 6 1 1 3 1	24 116 12 1 1 112 18 1 1 104 26 1 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

TABLE & BIG MILL RACE CANAL Continued

TABLE 4. BIG MILL RACE CANAL—Continued
Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
193)	Jan.	reu.			2-1013	June	941)	- And K				Det.
1928-					22	54						
2					66	48						
3					65 54	42 43						
5					51	50				-		
6					51	46						
8					54 47	37 29						
9					66 66	29 23						
						19						
11					57 53	10						
13					56 61	5 5						
15					64	6						
16					82	S						
17 18					104 114	13 10						
19					44							
					43							
					39 42							
23					46							
24					41 54							
26					65							
27		,			66							
29					68 84							1
30					94 67							
				1								
1929-					18	25 24						
3					18 27	24 22						
4					30 30	20 21						
5												
6					33 35	20 19						
8					34 33	20 20						
9					41	21						
11		9			46	20						
12					42 42	19 16						
14					42	17						
15	-,				49	29						
					49 51	30 49						
18				. 9	51	83						
				. 9	51 59	52 33						
21				9	60	16		3				
22				. 16	54							
23 24					46 47							
				17	55							
26				. 17	64							
28				- 17	62 42							
				17	42 27 22 25							
31				_ 14	25							

Day I see all a Second-feet

								_	
Fig. 6	for I transit to the	1000		300	1	Auto-	-	1 1000	1
1330									
			RATING						
			2						
			10						
٩			-						
			- 1						
			1 100						
			35						
1									
			4						
1 9			- 11						
19			- 60						
1									
71		6 6 6	Book						
		4	12						
			- 2						
			115						
		1	117						
		1	:2						
0-		6	1						
		6							

TABLE 4. BIG MILL RACE CANAL - Continued Summary of Monthly Diversion in Acre-fect

1930	1,061	3,635
1929	2,544 1,140	4,052
1928	3.734	4,679
1927	2,493 7,318 6,237 804	16,852
1926	b10991 o.Y.	1
1925	2,825 2,25 2,25	6,336
1924	101	259
1923	2,707 5,930 1,893 493	11,023
1922	1,376 1,909 5,839 6,534 1,911	17,569
1921	293 9.22 4.285 236 236	9,319
1920	1,548 4,524 4,815 325	11,388
1919	1,964 1,748 1,748 5,576 1,483	11,921
1918	3,360 4,360 760 440 866 1,340	10,626
	January Pebruary March March April May June July August September Votebber	Totals.

TABLE 5 MAKELLY CANAL EMPIRE CANAL So 3

Da y Diversion to Second-feet

r 1	ð.	2 el	i are	U.s.	15		Nie	140.	M	-	Dec
1920					100 ENT	0.0					
4 5 1.4					4*4						
1.9				4 4	1 - 4 - 4 - 4 - 4 - 4						
				4 0 0	NO.						

TABLE 5. BLAKELEY CANAL (EMPIRE CANAL No. 3) Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
3 .				-		303 314 252 191 137	38 35 35 36 40					
6						106 153 238 346 462	45 48 23	*				
12 13 14 15						482 524 482 485 474		-				
19 20 21						498 345 84 59 116 69						
23						59 51 45 45 44 43						
30 31 1922—				218	128	43 42 271 266	224					
3 4 5				0	0 96 49 6	262 279 284 275 274	111 183 126 87 66					
910		52			158 234 245 224 266	268 273 279 247 188	44 41 43 21 12 42					
16 17		321 348 223 130 67 44	96 143		274 252 235 229 197 261	127 76 41 66 78 90	79 101 148 162 123		*****			
21 22 23		54 97 183 205 172 157	168 189 199 193 130 69	9	278 291 228 298 337 164	104 120 140 144 144 181	68 66 92 83					
26		163	205 236 245 238 231 220	-	184 218 268 265 274 280	166 200 186 196 202 242						

TABLE 5 BLAKELLY CANAL EMPIRE CANAL No. 3 Continued

Da y Divers in Se ad-feet

1240	- b.	, bet	Name .	t me	910	-	,	Lug	E	illet	4	Der
1923				COLOR POPUL S	Think where the same	server Diliya salesa sasasi	0 0					
1925			-	4			- 44 47 1* 5					
4						3.444444						
200,000					100	66						

TABLE 5. BLAKELEY CANAL (EMPIRE CANAL No. 3) Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Cont	0.		
1000				-	-	- 411	2017	Aug.	Sept.	Oct.	Nov.	Dec.
1926						5						
2						. 4						
3						.] 3			-1			
5						2 2	,		1			
6												
7						. 3						
8						3 4						
9						26						
						68						
11						79						
12						62					-	
14						44 18						
15						7						
16												
17												
18												
20												
21												
23					5 10							
74					10							
25					10							
26					9							
27					9							
28 29					9							
30					9							
31					8 7							
1927												
1						132	96					
2						130	116					
3						122	50					
						86 75	24					
							9					
6 7					94	73 73	3					
8 !					137	73 162	0 16					
9					196	580	25					
10					48	774	26					
11						83.2	95					
12						720	25 77					
13						656	104					
4.0					150	622 632	75 43					
16						4				*****		
17					306 556	818 894	31					
18					652	596	21 23			.		
					716	896	17					
					700	632						
		222 23 72			560	344						
		23			592	135						
24		245			520 280							
25		228			51	000						
26		132			0							
27		20			89	125 135						
28					110	160						
30					130	158						
31					140	114						
					,							

TABLES BEAKELEY CANAL EMPIRE CANAL So J. C. stimued

Surrous of Month's Divers in Se Wifeet

	Vac	1	100		Vat -	-	Mess
1970	1	45	1.04 74.	EE25	2	3	180
1921	14 ga		4 4	1925	1,	4 6 8	1
1922 M.	6.0 . 6 . 6 . 6			1977 1	. 63 "1 "1	a refere	
1923	1 = 1		# 1 Fi				

TABLE 5. BLAKELEY CANAL (EMPIRE CANAL No. 3) Continued

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Acre-fe
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Ö
thly
Mon
Jo /
Summary

1930	noisterih oZ	
1929	noistavib o.V.	
1928	поілэчів о Х.	
1927	1,924 12,207 23,273 1,544	38,972
1926	174	827
1925	71 1.523 305	2,299
1924	поіхнэчів оХ	
1923	5,003 4,041 2,204 192	11,440
1922	4,38% 6,225 449 11,823 11,225 3,887	36,997
1881	253 13,834 504	14,731
1920	9,734 16,830 28	26,592
1919	b10391 0%	
1918	b10991 o.Z.	
	January February March April May June July August September October November Deember	Totals

TABLE 6 CALAMITY DITCH

Da ly Dire was in Se and feet

(pa) and a	0.07	April 1	Carlotte Carlotte	54 (4)	100 100
1971		10				
11 1- 11 14 11		1				
12000 000000000000000000000000000000000		į	1			

Daily Divers | 12 Sc | | feet f | Year 1922



TABLE 6. CALAMITY DITCH -Continued

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1923 - 1 2 3 4						5 4 2						
1923 - 1 2 3 4 5 6 7 8 9		2 2 2 2 1		6 18 9	12 14							-
10 . 11 12 13 14 15 .				30 35 35 35 35	13 13 11 13 16	5 10 12 11 12 10						
16 17 18 19 20				26 18 16 10 4	16 9 3 8	10 5						
21 22 23 24 25		1 1 1 1		5 5 3	5 7 10 10							
26 27 28 - 29 30 31		1			5 8 11 11 10 8							
1925— 1 2 3 4					8	7 7 10 9						
6					1 5		••				-	
11. 12 13 14. 15	,				7 4	12 47 38						-
16 17 18 19. 20		 			3	25 26 5 1						
21 22 28 24 25					1 1 0 7 22							
26 27 28 29 30 31			-		17 17 24 22 24 18							

TABLE 6 CALAMITY DITCH Continued Summary of Monthly Divers — in So and-feet

	f a	-	Unio		Max	M	Mes
921 M	411	18		1025 M s	. 4 0 *	:	
M.	100	421	3.5	THE	4."		- 1
No.	10.00	11.5	1.0				
12)	7.1		2				
Ma	-11	3	- 7				
Siline	.01	100					

TABLE 6. CALAMITY DITCH Continued

To the same of	Acre-feet
	y of Monthly Diversion in Acre-fee
	of Monthly
	Summary

Т	OF	KINGS RIVER WATER A	LAST
-	1930	lead tageen? with the behalon!	· :
	1929	Included with the Crescent Canal	
1	1928	Included with the Canal	1
3	1927	lane) sacron of the Crescent Canal	
	1926	Included with the Crescent Canal	
-	1925	55.26 53.55	721
	1024	noizi97ib oU	
	1923	26 578 422 170	1,196
	1922	Records incomplete	1
The state of the s	1921	16 36 1,057 341 2	1,452
	1920	bo1551 oZ.	
	1919	fn0>>1 07.	
	1918	fnoses o.Z.	
		January February March April May Jane June July August September October October	Totals

TABLE * CARMICIPALI SLOCAL

Da Prierr i'n be missert

Sec. Sec.	Line	L.	0,6	he:	A. a.	Self	E pr	5	(Ke)
1918			- Int	00000 1000 TH					
			6	4 6					
			1.4						

TABLE 8. CONSOLIDATED CANAL

Location of Intake. At a point 900 feet South and 1300 feet Last of the Northwest corner of Section 35. Township 13 South, Range 23 East, M. D. B. and M. Delivers water to the Consolidated Irrigation District, Island No. 3 Irrigation District and the China Slough area in the Centerville Bottoms. Water diverted by China Slough at times when the Consolidated and Island No. 3 Districts are not entitled to water is not included in the report of diversion by the Consolidated Canal Gaging station consists of a cable suspension footbridge and a concrete lined canal section. Equipped with a seven-day water stage recorder in a concrete well.

Day	Jan. Feb.	March	April	May	June	July	Aug.	Sept.	Oct,	Nov.	Dec.		
3 . 4			351 0 372 1 375 9 415 3 422 0	1,183 6 1,288 4 1,304 9 1,361 5 1,352 7	1,165 7 1,157 0 1,173 7 1,265 8 1,272 9	993 1 903 7 1,118 7 982 2 901 6							
6 7 8 9		188 4	440 0 444 5 484 7 486 7 529 8	1,394 1 1,416 8 1,333 1 1,293 3 1,178 1	1,280 0 1,287 6 1,272 9 1,287 6 1,310 4	856 9 278 7							
11 12 - 13 14 15		307 1 315 7 320 1 281 2 258 0	584 6 655 1 663 9 495 5 369 3	1,011 9 1,002 9 1,139 7 893 6 888 3	1,355 5 1,397 3 1,394 7 1,356 0 1,333 2								
16 . 17 18 19 20		254 6 371 0 397 5 295 7 305 1	475 1 663 0 829 5 956 0 984 9	1,120 3 1,258 7 1,263 4 1,267 0 1,271 1	1,318 0 1,399 5 1,397 3 1,373 4 1,339 3		.,						
21 22 23 24 25		317 9 330 3 346 0 357 0 363 0	1,028 1 1,152 7 1,218 3 1,202 5 1,269 5	1,272 9 1,258 2 1,280 0 1,280 0 1,233 1	1,295 2 1,238 7 1,163 5 1,164 9 1,064 3								
26 27 28 29 30 31		339 5 341 0 323 6 343 3 363 6 355 0	1,193 5 1,148 3 1,136 6 1,189 8 1,235 7	1,170 0 1,229 9 1,102 5 986 1 951 7 1,049 0	1,003 1 978 9 965 5 922 0 843 7								

TABLE & CONSOLIDATED CANAL Continued

1(a) a 9	American	l e	rt _a	-	ens.	N-d	~	art	\	Dec
010 -	.a 4	4	4 0	4" 4 4" 4 1 2" 1						
4	, , 5	4	1	1 1						
11 12 14 14	4 9	6 1 6 6 6	1 414 7	4.						
t - 4 2	45 5	1 4	1 6 6							
1	16.3	1.4	1 4 4							
**	TINE.	1 111 1	1 1 100 10							
020 1 	4 T	117		(" o 1 4 / 1 4 /	SPECIAL PROPERTY.					
9	17 (101	1.0	1 4 4 4	4 4 4					
11 4 5		64	1,000	6	2)					
1 1 4		96	100	4 4						
4	1	4111	4							
2004	[3	4 4 4 % 4 4 —	98 6						

TABLE 8. CONSOLIDATED CANAL—Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dee,
1921							Ħ	, tug,	echt.	Cross.		Die,
1 2 3 4 5			371 382 398 394 390	749 799 804 769 672	1,391 1,540 1,562 1,509 1,447	1,260 1,189 1,213 1,123 1,151	1,078 1,124 1,064 867 540			-		
6 7 8 9	-		390 390 386 386 386	592 513 440 374 321	1,213 1,038 1,015 1,124 1,320	1,213 1,220 1,220 1,294 1,320	467 504 544 483 432					
11 12 13 14		80 82 123 208	386 394 413 421 436	324 273 360 451 211	1,562 1,573 1,540 1,458 1,419	1,260 1,197 1,268 1,268 1,260	360 256 117 45 30					
16 17 18 19 20		230 240 240 243 243	479 495 495 513 536	50 34 75 250 380	1,382 1,409 1,328 1,167 1,238	1,205 1,052 958 980 1,180	10					
21 22 23 24 25		247 247 202 208 280	504 495 436 440 436	651 1,126 1,205 1,009 774	1,286 1,189 1,268 1,228 1,181	1,286 1,354 1,345 1,336 1,336						
26 27 28 29 30 31		341 348 348	475 475 487 562 654 701	630 630 841 1,302 1,391	1,236 1,260 1,197 956 706 849	1,294 1,277 1,286 1,244 1,064						
1922— 1 2 3 4 5			243 236 236 236 236 232	450 450 454 473 473	1,317 1,349 1,394 1,407 1,400	1,152 1,158 1,134 1,098 1,158	1,299 1,268 1,231 1,262 1,304	210 258 58				
6 7 8 9			229 229 229 229 243	516 487 293 198 189	1,394 1,387 1,413 1,394 1,374	1,128 1,085 1,122 1,176 1,140	1,317 1,262 1,182 1,152 1,074					
11 12 13 14 15		57 97 97 97	252 252 249 249 272	166 128 175 12 6	1,317 1,280 1,374 1,361 1,367	1,103 1,212 1,201 1,207 1,195	984 943 929 897 730					
16 17 18 19		97 97 97 106 121	279 279 293 296 300	78	1,374 1,381 1,381 1,330 1,292	1,189 1,165 1,128 1,207 1,249	630 677 554 510 510					
21 22 23 24 25		133 131 126 123 123	303 322 357 373 390	349 436 635 807 1,055	1,231 1,237 1,189 1,202 1,207	1,299 1,324 1,330 1,276 1,268	398 337 261 142 43					
26 27 28 29 30 31		123 189 229	382 390 390 413 427 450	1,195 1,213 1,275 1,310 1,299	1,189 1,128 1,074 1,110 1,080 1,122	1.355 1.361 1,355 1.374 1,342		 				

TABLE 4 CON MIDATED CANAL 100 and

Do Diesesta Se siler

(ac	[pe	bell	4	٠		100	rg:	-0.	*	10	100
1923				6.4	4 4	6 - 6					
6 				6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 40 8	6					
1924			8 1	4 t t t t t t t t t t t t t t t t t t t							
6			***	SOUND SPEED I							
0 11			4								-4

TABLE 8. CONSOLIDATED CANAL Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1925— 1				147 510 655	837 1,187 1,413 1,453 1,420	1,395 1,315 1,220 1,150 940	600 715 645 535 530					
		98 110 47 201 21		302 135 126 348 565	1,445 1,505 1,520 1,500 1,320	715 730 870 1,145 1,280	330 65 60 77					-
11 12 13 14 15		59 188 67		683 900 710 995 1,120	1,240 1,107 960 810 910	1,360 1,425 1,495 1,470 1,382						
18				1,150 1,095 815 788 720	1,057 1,125 1,280 1,375 1,305	1,305 1,275 1,235 1,220 1,250	273 300					
23		71		630 487 368 277 433	1,220 1,185 1,315 1,402 1,490	1,250 1,180 1,108 1,125 1,150	94					
29			47 154 71	610 777 863 885 763	1,482 1,505 1,495 1,585 1,585 1,470	1,145 1,145 925 730 627						
1926—	-			486	1.408 1,339 1,401 1,508 1,537	1,142 1,117 1,019 795 740	-					
6 8 9 10 :				893 706 1,298 706 507	1,415 1,245 969 745 770	740 583 605 571 520						
11 12 13 14 15				528 614 725 1,105 1,265	\$56 1,053 1,136 1,265 1,394	384 275 255 194 38						
16 17 18 19 20				1,265 1,265 1,265 1,105 991	1,552 1,588 1,566 1,296 1,640	27						
21 22 22 24 25			†	1,232 1,339 1,387 1,422 1,415	1,648 1,552 1,472 1,285 1,167							
26 27 28 29 30 31		 		1,443 1,450 1,436 1,458 1,458	930 716 790 964 1,082 1,124							

TABLE & CONSOLIDATED CANAL Continued

Da Dire i in Se ind-feet

[a	4	Te.	Stant	4			Am	14	Sea Det	N = 10c
1927		6 9	= 1		1	\$-11 \$-15				
1			= 1	= 4	\$ - 4 - 6 -	N. B.	0 0			
1		1	111	•	THE R.	THE STATE OF	•			
		6 6 4 6 6 6 6	**	ELEVA	STATE OF	DIAME.	(1.11
0.00		14	0.	NEW TOWN						74
10.00			1 2	tt	1.	THE STATE OF				
192m 				10	500	1				
				6.6	Ē					
1 6				£ 4	4 6	(8)				
4				0	1		8			
Towns.			(6 4	, ,	No.					
No.				6	1					

TABLE 8. CONSOLIDATED CANAL Continued
Daily Diversion in Second-feet

										-		
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1929— 1 2 3 4 5					560 \$68 1,052 1,220 1,293 1,332	605 400 382 605 596	190 60					
6 7 8 9			116		1,326 1,242 1,259 1,326	317 267 204 204		•				
11 12 13 14 15					1,332 1,326 1,321 1,366 1,394	310 192 277 605 709	-					
16 17 18 19 20			-	217 374 260 73	1,326 1,360 1,416 1,405 1,360	1,304 1,360 1,102 884 802	-					
21 22 23 24 25					1,242 1,119 1,220 1,298 1,349	705 802 792 724 610						
26 27 28 29 30				67 198	1,343 1,108 777 601 579 677	509 515 446 393 338						
1930 — 1 2 3 4 5					260 154 345 465 204	714 714 714 714 802 998						
6 . 7 8 9		· · · · · · · · · · · · · · · · · · ·		112 363 646 842 772	55 116	1 237 1,371 1,410 1,326 1,304						
11 12 13 14 15				560 501 501 393 192	142 250 419 509	1,293 1,399 1,427 1,410 1,315					-	
16. 17 18 19 20.				65 0 0 107 363	446 338 411 610 972	1,321 1,198 988 910 616						
21 22 23 24 25		225		743 904 1,036 1,202 972	1,292 1,332 1,349 1,399 1,354	454 303 60						
26 27 28 29 30 31			60 135 151 154 178 151	763 489 411 382 313	1,371 1,422 1,427 1,427 1,218 972							1

TABLE 6 CONSOLIDATED CANAL Continued Summary of Monthly Diversion in Second-feet

	1.	hall)	1540		Mat -	М	Mosa
1918		FOT	-4 4	1925	4 4 7 5	6	
1919	1 4 11 4		100.00	Three	Crea		
,	4	/11	4,	1925	1 4 1	*	1 = 0
19/19/0	1,000	18.6	220	710 000	1 = 4.9	- A	2019
1920 \ \ \ \	46 0 0 6	4	4 3	10.77 V M V e M a J	SAME TO	6 p	34°
1021) \ \ \ \ \	1 1 1 4 1 24	7	1 4 3	1929 March United	LASS [P] [P]	43	
19.22	1801.00		3	THE ENG	1=	7	de
Y o	4 1 4 1 - 4		ê " 6	1020 V & V & V &	4	1	6 6 1 6-4 3 % 6
The same	(i)		1				
1973	6 1	12.	1	1930 1 11 a 4 1 a	* q	į.	4 27 4) 7
797-1	1.0			be , -	1.4.*	•	134
1934	=	1	25				
Pageon	-	- 80	7				

TABLE 8. CONSOLIDATED CANAL—Continued Summary of Monthly Diversion in Aere-feet

TABLE 9 CRESCENT CANAL

Doly Divers in he and-feet

					-						
775	to to	3996	1	A111. ()	490 1	1.4	100	1 10	9	ller
1918				200	200						
				20	ái						
4					41						
100				-1	-						
1				12 1							
4					-						
			0.5	13.	31						
1			84	2.00	DATE:						
			4	117	4						
4			Died.	9.80	4						
			4	-	4						
			700	44 -	4						
200				150	6 6						
90			1		4						
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			H	4 4	4						
1.4			24	4 TT 4	=1						
				0.0							
			-51	21	33						
			133	42.3	3.4						
Proper september 1				42.5							
1919				-00							
1919				114.4	1						
				231	4						
1		•		23	721						
				975							
				1931							
				E	30						
				100-0							
				-0.0	4.1						
					- 58						
4					14 1						
					1						
				51	12						
				4	4						
				33							
				31	17						
				A11							
6				201							
				- 1							
				THE THE							
Fi.				24							

TABLE 9. CRESCENT CANAL Continued
Daily Diversion in Second-feet

			-	Dan					-			
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1920— 1 2 3 4 5			48 0 61 2 6 5	42 5 42 5 42 5 42 5 42 5	13 1 38 3 19 0 12 2 8 9	122 0 95 5 76 0 76 0 75 3						
6 8 8 10				42 5 42 5 42 5 42 5 42 5 42 5	8 1 7 4 8 7 135 2 58 0	70 7 96 2 92 9 83 5 80 8						
11 - 12 13 14 15				42 5 42 5 42 5 42 5 42 5 42 5	49 0 50 5 45 6 37 0 31 7	\$0 1 \$8 0 \$7 3 91 6 \$6 8						-
16 17 18 19 20 .				42 5 142 1 53 8 17 1 16 2	12 4 28 8 159 0 212 1 214 5	80 0 74 5 84 3 68 4 69 8						
21 22 23 24 25				15 3 14 4 13 7 12 7 11 9	168 5 150 0 148 7 140 2 133 2	6S 4 61 2 52 3 46 6 32 5			-			
26 27 28 29 30 31			74 0 122 6 63 6 42 5 42 5	11 1 10 3 9 5 9 1 8 1	143 0 141 9 143 0 141 9 143 0 140 2	11 2 7 9 4 9 3 7 1 7						
1921— 1 2 3 4 5		27 38 19 16 20	35 62 48 63	19 10 9 11	119 201 186 171 143	48 48 46 44 45	107 58 35 25 25					
6 7 8 9 10		14 22 28 28	60 38 30 18 13	9 9 8 9	89 72 57 44 33	44 43 39 33 24	23 10				· · · · · · · · · · · · · · · · · ·	
11. 12. 13. 14. 15	=		11 11 11 17 89	9 28 15 7	24 31 126 104 72	24 33 48 57 58						
16 17 18 19			95 52 28 20 15	7 7 10	93 88 74 68 64	60 58 57 38 24						
21 22 23 24 25	7 10 6 3 3		12 12 12 10 10	15 20 14 9 21	51 44 66 65 64	18 64 120 126 139						
26 27 28 29 30 31	22 18		10 19 37 26 23 26	24 10 9 41 89	65 62 60 56 51 50	139 149 147 149 139						===

TABLE 9 CRESCENT CANAL C In &

1802 1802 1803 1804 1805 1806 1807 1808					(-10)	, , , , , , ,							
	E = 0	Δ.	F	MARK.	A	May	Alle	1	4	-	1 4 11	,	[
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	i				4	64	- (1					
	4				- 67	170	-	1 1 4					
					-	*4		100					
	7				- 4								
								100					
	1			G	14	9	6.5	6					
					-5	4	4						
	1 "			4	٠.	9	4						
	1			6.1	4		8.4						
					11	4.0	4.4						
					3	-	8						
				6.		- 10	.53						
	-			-		9.1	- 1						
				1		3	2						
						٠,							
	1			1.6			1	74					
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			150	11		5		1.5					
	4		1	3	Ξ		6	61					
	1			.0.		700	9.0						
	t				100	114	3						
	4		8		20	100	2						
			10				8						
	4		172		8	01	9						
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	3		100		-2	7114	1						
	4				- 7	100							
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D The state of the	-				1		8						
	0.						-11						

TABLE 9. CRESCENT CANAL Continued

									-	-		
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
_	-											
1925-												
1						124 125						
3						125 125						
						128 119					_	
5					70	119						
					31	71						
7					87	31						
8					130	10						
9					151	16						
10					161	0						
11					168	0						
12					159	46						
13					76 27	92 131						
15					0	113						
16					0	100						
18					0	108 79						
19					34	57						
20					147	1						
21					133	18						
22					136	65						
22					. 86	44						
67					158	5						
25					183							
26					177							
21 -					177 177							
					181							
29 30				-==	183							
31					178							
4000												
1926—					159							
2					159							
3					177 178							
4					178 176							
5					110					~ = = = = ~ ~		
6					170							
7					144							
5					108 51							
10				103	12							
				27								
13												
14												
15_					22							
16					40							
17 .				128	6							
18				169	124							
19 20				181 116	167 176							
21				37	155							
22 23				7 69	62 57							
24				199	50					** *		
25				174	59							
				50	20							
26 27				52 175	69 69							
28				195	9							
29				164	1							
30				149								
01												

TABLE 9 CRESCENT CANAL Continued

Da y Divers in Se ind-feet

1	-le-	lin-	Mark	4	Maj	-	Ad.	14	Time	16-	hear
1927			1 14,		1	н	-				
1			1 14.			100	i i				
· ·				*	6	-4					
				15	=1.1	_4 	1				
1						-1					
0.											
1											
					15						
•					4	4					
2		1			3	4					
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		-4		=							
		1.1		1_4		1					
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1929											
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					Ł	""					
-					1						
0					- 4						
14					W						
					7.4						
- 11											
0											
9											
-6											
3					2						
=			2		107						

TABLE 9. CRESCENT CANAL - Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1929 —												
1												
0												
5												
0												
6												
8												
9												
10												
11					60							
10					64							
					0							
14			******		67 113							
10					110							*******
16					159							
17					133	46 196						
19					148 175	21						
20					192							
91					165							
21 22 23 24 25					36							
23					0							
24					3							
25					62			***				
26					145							
27					143 27							
26 27 28 29 30					24							
30												
31												
1930—												
1												
2												
4	*******											
5												
c												
6												*******
8						14						
9						66 21						
10						21						
11												
12												
14						187						
15						141						
16						0.0						
17						90 31						
18												
19 20												
21												
23												
24 25												
25												
26												
97												
28					32							
29 30					144							
31					123 38							
					30							

TABLE 9 CRISCINT CANAL -Continued Summary of Monthly Diversion in Second-feet

	Ma.	(1	More		Vis	W	Mean
1910 \ \(\(\sigma\)	46 °	1000	4.	1925	6.6		3-4
1318 6		16 4	11	1 m m m m m m m m m m m m m m m m m m m	**	3	12
1170 - V. s - V. s - V. s	4.	4	\$ 6.7	Tee M Mary Cal	4	6. g G	1 47
1921	1.3	91	l"	1925 L (\frac{1}{5}	9 9 6	1	1. 3.3
0 0 01 0 0	4	1	1 44	1929 Ma	- 4	4	5.5
1922 M	211	321	10.1	1930-	100		\$
V s	1000	1	1	V 1 J	4*	- 1	11
1923 1 1 1 1	1		•				
Term		44	.4				

TABLE 9. CRESCENT CANAL- Continued Summary of Monthly Diversion in Acre-feet

	11.:	247	: ; ; ; ;	1,914
1930		1		• 1,
1929		3,350		*3,870
1928	90	3,730	1	4,786
1927	2,134 689 2,524	7,344 8,322 166	1 0 b b 5 0 b 7 2 9 0 6 0 0 0 6 0 5 0 6 0 7 1 1 5 0 0 6 0 7 7 5 0 0 0	*21,179
1926	3,909	722	0 0 E 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*8,661
1925		3,184		9,158
1924	u	oizravib oV		3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1923	4,807 487 3,150	6,241 3,196 2,047		19,928
1922	1,888	5,793 3,014 3,453	1 0 1 5 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	16,235
1921	137 420 1,808 911	4,936 4,081 560		12,853
1920	913	5,431		12,274
1919	103 230 1	7,950	1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9,702
1918	1,738	2,883	1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,231
	January February March. April.	May. June July August	September October November December	Totals

* Includes the Calamity Ditch commencing with the year 1926.

TABLE E. CUTHMERT BURRLE CANAL

				L2m11) 171161	that it we are	-teet				
1 4	k	Þ	Red	1	Villa	20x 11 200	L-	1 Poli	1100	Net	1 her
1919 -						24 - 2.1					
*						1 1					
3					4 4						
4					4 4						
1919 4 5					44						
\$											
					4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						
9-											
9					4 1						
3					11 7						
= 4					6 65 9 9						
					•						
1						4					
4 5											
1920											
1						ā					
0						47					
4						1					
1						1					
3				_4 -4							
0					3						
4					44						
					110						
4					13 13						
n					en en						

TABLE 10. CUTHBERT BURREL CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March /	Apri	May	June	July	Aug	Sept.	Oct.	Nov.	Dec
1921 1 2 3 4 5						151 151 172 155 136						
6 9 9						140 140 106 136 131						
11 12 13 14 15					25 25	127 127 127 127 123 127						
16 17 18 19 20					60 75 97 64 21	127 127 48						
21 22 23 24 25												
26 27 28 29 30 31					55 67 176 155							

TABLE 10. CUTHBERT BURREL CANAL -Continued Daily Diversion in Second-feet

Cuthbert Burrel Canal diverted no water in the year 1922. The canal skirts a field in which the grain was nearly ripe when the spring rise came in the river. It was feared that running water in the canal to the pasture lands at the lower end would result in seepage through the banks and seriously interfere with harvesting Pasture lands to the extent of 2500 acres were irrigated from two pipes located and described as follows

lune oth

June eth:

a V pipe approximitely one mile north of Wheaton weir. Material corrugated culvert iron, diameter, 30", length, approximately 50 feet. Difference between head and tail water 2.61 feet. Computed discharge, 35 second-feet.

(b) A pipe about 100 yards Northwest of Lone Willow weir. Material corrugated culvert iron, diameter, 24", length, probably about 50 feet. Difference between head and tail water 3.02 feet.

Computed discharge, 22.5 second-feet.

June 14th

(a) Pipe near Lone Willow weir as described above. Difference between head and tail water, 2.19 feet.

Computed discharge, 28 second-feet.
(b) Pipe one mile northwest of Wheaton weir as described above. Difference between head and tail water, 1.02 feet.

Computed discharge, 19 second-feet.

Computed discharge, 19 second-feet.

Definite information is not available as to the time that these pipes were in operation, but is is presumed that they were open during the entire flood stage period of Kings River. The Cuthbert Burrel Canal made no diversion in the year 1923. Mr. C. L. Adams stated, however, that water was used by the Cuthbert Burrel Campany as follows.

Irrigated 700 aeres of grain in Sections 2, 3, 10 and 11, 17, 17, 5, R. 18, E. From a headgate on the north side of the river at the Stinson Weir. This diversion was made between April 5th and April, 20th. Flooded, through pipe openings in levee, 1,000 acres pasture lands in Sections 11 and 13, T. 16, S. R. 18, E. This diversion was made in the months of April, May and June.

Dall te sen in Second feet

	ren	Mink	April	Ma	4100	700	 Seci	AMA	1-
1125				A	****				
				- A.					
1925									
CHARM MARKS AN			1487						

TABLE 10. CUTHBERT BURREL CANAL Continued Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Mean		Maximum	Minimum	Mean
1919 — May June. The year 1920 April	95 5 23 5 95 5	0 0 0 0 0	56 0 2 0 5 0	1925 — May June The year 1926 April	73 73 73	0 0 0	19 12 3
May June The year	144 0 40 0	0 0	$ \begin{array}{r} 42 & 0 \\ 11 & 0 \\ \hline 5 & 1 \end{array} $	May The year	73	0	2
1921 — May June	185 0 185 0	0 0 0 0	27 0 \$1 0				
The year	185 0	0 0	9 0				

TABLE CALIBBRE RERES CANAL COntinued Sunimary of Monthly Diversion in A re-fresh

0
track (r)
1 1
99
best in
A-1
131
11

TABLE II. EMIGRANT CANAL

LOCATION OF INTAKE. At a point 300 feet North and 1700 feet Past of the Southwest corner of Section 3, Township 17 South, Range 22 East M. D. B. and M. Delivers water to a group of minority stockholders of the Emigrant Ditch Company in an area south of and adjacent to the southern boundary of the Consolidated Irrigation District.

Current meter gagings were made from county road bridge about one-quarter nule from the intake and become a south or consolidated.

by wading Equipped with a seven-day water stage recorder in a wooden well attached to the downstream side of

the headgate

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1918-					0 0	0 0						
3 4 5					0 9 0 0 9 6 16 2	0 0 16 2 26 8 43 0						
6 7 8 8					14 6 7 0 8 2 0 0 0 0	50 7 34 5 59 7 60 4 61 0		-				
11 12 13 14 15					0 0 0 0 0 0 0 9 2 3	61 0 72 0 71 0 64 5 56 2						
16 17 18 19 20					0 0 0.0 0 0 0.9 4 9	31 2 15 0 14 6 13 8 26 5						
21 22 23 24 25			******		4 0 6 0 4 9 6 0 6 0	43 0 29 0						
28 29 30					0.9 0 0 0 0 0 0						-	
31					0 0							

Note-Discharges prior to June 6, estimated from Kings River gage heights at Piedra.

TABLE II EMBRANT CANAL Continued

Day Divers is in Se wed-feet

Ten	-	100	Name	(10)	Mari	No.	200	t e	×	Leq	N =	Dec
1919					8.0	91.5						
4					100	4 3						
					400							
1					6 6 4 6							
1					11.4							
1					4							
11					1							
					1							
4					11							
18												
					3 (
1920			20		-01	4.						
4			1			64						
H					14 4	4 1						
					14							
1						11.5						
				0.0		14.1						
				-		200						
2					4	4 4 4						
4			4		6 8 6 9	4.1						
1 -					4							
-					-							

TABLE 11. EMIGRANT CANAL - Continued
Daily Diversion in Second-feet

											_	
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1922— 1 2 3 4 5	22 40 38 38 38 32		13 10 13 13 8	885553	30 35 40 46 49	63 63 63 63 63	35 32 30 27 25					
8 9 10	17 8 5		3 3 2 2 3	3 2 2 1 1	51 54 57 63 38	63 63 63 63 63	22 22 17 13 8					
11 12 13 14 15	2 1 1 2 3	S 38 39	5 6 8 13		32 22 13 20 49	63 63 63 63 63	5 3 2 1			-		
16 17 18 19 20	5 8 5 3	22 22 22 22 22	17 22 49 49 38		51 63 85 85 69	63 63 63 63 63						
21 22. 23 24 25	3 2 2 2 1	15 22 17 17 17	38 32 22 22 22 22		49 63 79 85 88	63 63 63 63 63						
28 - 29 -	1	17 17 13	15 15 13 13 8 8	5 8 17 22 27	63 63 63 63 63 63	63 49 43 40 38						
1923— 1 2 3 4	3	10 10 10			15 14 17 24 31	23 21 19 17 15	20 16 15 16 16					
9				57 97 57 57 25	39 48 56 76 84	14 14 14 20 46	12 6 4 4 5					
12 13 14				57 57 43 37 40	\$5 79 \$1 78 72	55 46 40 26 19	2 1					
17 18 19				40 40 25 25 22	78 74 75 68 63	16 14 12 11 10						
21 22 23 24 25	8 8 8 20			29 28 22 17 13	51 41 46 68 84	S 5 8 8						
26 27 28 29 30 31	25 25 25 S 10 10	12		10 5 8 15 15	72 53 45 38 33 27	11 14 16 17 18						

TABLE II EMIGRANT CANAL Continued

							-	_	_	_	700	_
500	Jac.	100	1000		701	1.00	100	1	100	(6)	N -	1 New
1925						-						
						15.						
1						- 2						
1						- 13.1						
					and billion has	-						
					6							
4					- 41	7						
					100	4						
					1.	A.						
4						i.						
4						4						
10.						1 12						
						7						
0					- 1	1 4						
8					5							
1976					41	4						
2						4						
10												
- 6					-							
3					- 6							
8					- 1							
					1.2							
					-							
1976					66							
7					-0.							
7					- 1							
•				2								
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10					4							
6					- 12							
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-					4							
				- 1	- 2							
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				4.6								
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2				U								

TABLE 11. EMIGRANT CANAL Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Vug	Sept	Oet	Nov	Dec.
1927 1 2 3 4 5					13 12 13 23 33	7						
6 7 8 9					39 16 4 0 0	22 37 57 30 42						
11 12 13 14 15					0 4 16 45 53	11 13 23 40 49						
16 17 18 19 20.		64 60 137 64			57 102 109 61 53	30 30 24 20 13						
21 22 23 24 25		6 7			45 57 70 42 23	7 6 4						
26 27 28 29 30 31	. :-			8 10 8 8 12	42 11 6 0 0							

TABLE 11. EMIGRANT CANAL—Continued Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Mean		Maximum	Minimum	Mean
1918 May June	16 2 72 0	0 0 0 0	3 0 28 5	1923 January = February March	25 12 3	0 0	5 2 0
The year	72 0	0 0	2 6	April May June	97 85 55	0 14 5	28 56 19
May June	65 4 45 5	7 5 0 0	22 9 4 1	July The year	20 97	0	10
The year	65 4	0.0	2 3	1925			
1920 — March April	63 3 68 8	0 0	7 3	May June	33 15	0	13
May	94 5 58 0	0 0	32 6 20 0	The year	33	0	1
The year	94 5	0 0	5 4	April May	4.5 50	0	10
January February	40 0 79 0	0 0	9 0 13 0 16 0	The year	50	0	2
March April May June July	49 2 27 0 88 0 63 0 35 0	2 0 0 0 13 0 38 0 0 0	4 0 55 0 60 0 1 0	February April May June	137 12 109 57	0 0 0 0	12 1 31 15
The year	88 0	0 0	13 1	The year	137	()	5

TABLE II TABERANI CAND Continued Sommany of Monthly Diversion in A re-feet

	111	
1	SEES EXS	
	:1 13	3
-	Į-	
	: <u>I</u>	9
	Chy sail	A

TABLE 12. EMPIRE CANAL No. 1 WEST SIDE

Location of Intakt. At a point 50 feet South and 2 100.1. We to the first the rest of 50 few mining 19 South, Range 19 First M.D.B. and M.D. Delivers water to a portion of the First R. A. arms 19 First M.D. Miller Fr. annual 1972 acres) on the westerly side of the South First River. Current meter gagings were mide from a resh relievable of the house of the first River.

and by wading Gage heights until May 6, 1923, were obtained by dail of generaling and meet in bear ven-

day water stage recorder Records of diversion are incomplete for the vers 1918/1819 and 1927, duiling by the challenge canal channel.

Daily Diversion in Second-feet

The state of the s												
Day	Jan.	Feb.	March	April	May	.lune	July	lug	Sept	Oct	Nov	Dec
1923 — 1 2 3						55 5 82 5 82 5 82 5 83 5	52 5 47 5 42 8 34 0 30 0					
6						\$0.0 \$2.5 76.5 73.0 80.0	25 0 22 0 19 0 15 2 12 8					
						76 5 89 0 92 5 95 5 99 5	10 7 8 8 7 0 5 4 3 7					
					24 9 55 5 77 0	102 5 102 5 102 5 90 5 95 5	2 4					
21 22 23 24 25					103 5 103 5 103 5 100 0 103 5	99 5 99 5 99 5 99 5 95 5						
					103 5 103 5 103 5 103 5 103 5 95 5	80 0 80 0 70 0 66 5 52 5			:			

NIMI II IMICRANT CANAL Continued Summery (New 1915) Discount in A re-feet

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1		
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9	1 7 36	
ī	- ·	in the
8	470	9
-	-	
	7141 JEE	0.00
	1782 573	·
•	10007	
	# II	
	Į.,	(000)
12	14	
		9

TABLE 12. EMPIRE CANAL No. 1 WEST SIDE

LOCATION OF INTAKE At a point 50 feet South in 17 10.1. We to tell the South, Range 19.1 in Al. D. Bou At.

Delivers water to a portion of the From River acres) on the westerly side of the South Erick River.

Current meter gagings were middle more him how a look him in the line.

and by wading
Gage heights until May 6, 1923, wire indied of the first in thin indicate the ven-

day water stage recorder. Records of diversion are incomplete for the veirs 1918, 1949, 13, 1927, a light of the canal channel.

Daily Diversion in Second-feet

Courty Diversion in Second-feet												
Day	Jan.	Feb.	March	April	May	June	July	Mag	Sept	Oilt	Nov	Dec.
3 . 4						55 5 82 5 82 5 82 5 82 5	52 5 47 5 42 8 34 0 30 0					
						\$0.0 \$2.5 76.5 73.0 50.0	25 0 22 0 19 0 15 2 12 8					
11 12 13 14 15						76 5 90 0 92 5 95 5 99 5	10 7 8 8 7 0 5 4 3 7					
19					24 9 55 5 77 0	102 5 102 5 102 5 102 5 93 5 95 5	2 4					
21 22 23 24 25					103 5 103 5 103 5 100 0 103 5	99 5 99 5 99 5 99 5 95 5				. (
27 28 29 30					103 5 103 5 103 5 103 5 103 5 95 5	89 0 70 0 66 5 52 5						

TABLE 12 | I SIPIRE CASAL Sc. 1 WEST SIDE - Continued

Da y Divers in in Se und-feet

[5	le.	Nh	V	C	f h i	-	200	1-4	-	w4	5	1
1921					9	6 4 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 ° 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6					
111111111111111111111111111111111111111						0	8					
1922 1 6 5 6 1 1 11 11					10	15 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 6 6					
					4	6 6 6 6						

TABLE 12. EMPIRE CANAL No. 1 WEST SIDE) Continued

Day	Jan.	Feb.	March	April	May	June	July	lug	Sept	(let	Sos	Dec.
2 3 4		6 10 14 14 12	17 17 17 16 16		11 11 13 16 8	0 1 5 9 7	6 5 5 5					
6 8 9		13 13 14 15 15	14 14 13 12 10		9 10 12	6 Q Q 7	4 4 3 2					
11 12 13 14 15		15 12 12 12 12 11	96 4 2 2	16 18 18 18	13 11 11 13 15	10 12 14 14 15	, 1 _a					
1		11 10 10 11 12	1 	13 15 12 15 17	17 15 15 15 18	16 13 10 9						
23 24		12 12 13 14 14		17 17 18 18 18	16 14 6 7 5	9 9 8 8 9						
29		15 16 17		18 16 15 13	3 3 2 4 4 0	9.87474						-
1925						75						
3						0 10						
4						19 18						
8						14 9 3 0 0						
14						0 0 4 4 7						
18 .						11 12 11 9 6					,	
23 24						4 3 2						
26 27 28 29					23 23 60 66							

TABLE 12 - UNPIRE CANAL No. 1 | WEST SIDE | Continued

Data Divers | In Second-feet

150	-	100	Mark.	- k	a tital.	J	1-4	1	rq	1-	Dec
1975				6 6 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1000						
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TABLE 12. EMPIRE CANAL No. 1. WEST SIDE - Continued

Facilities are not available for obtaining satisfactory root to the diversity 1, the in 1, the no gaging station. The diversions reported for the year 1927 page wir mature fait a bridge of a down the canal where the flow was affected by chicking and by the grow hold more and tu

I m ire No 1

Date	Gage	Diversi n. second-feet
February 21, 1927	3 50	94 1
February 25, 1927	3 90	67 0
March 25, 1927	1 18	6 03
June 2, 1927	3 10	30 55

TABLE 12. EMPIRE CANAL No. 1 WEST SIDE - Continued

Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Mean		Maximum	Minimum	Mean
1920— May June. July. The year	103 5 102 5 52 5	0 0 52 5 0 0	41 4 86 4 10 9	1923 February March April May June July	17 17 18 18	6 0 0 0 0	13 5 10 10 9
1921 - May June July	58 0 103 0 47 0	0 0 45 0 0 0	19 0 70 0 10 0	The year 1925 - May	18 88 75	0	6
The year	103 0	0 0	8 2	June The year .	75 88	0	1
May June July	98 0 67 0 53 0	0 0 15 0 0 0	44 0 45 0 20 0	1926— May June	168 20	0	64
The year	98 0	0 0	9 3	The year	168	0	Ü

TABLE 12 UNPIRE CANAL NO. 1 WEST SIDE Continued Summery of Monthly Diversion in Acre-feet

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TABLE 13. EMPIRE CANAL No. 2 EAST SIDE

Location of Intake. At a point 700 feet South and 800 feet We for the North 1 orn rol 5 on 36. Township 19 South, Range 19 East M. D. B. and M. Delivers water to a portion of the Empire Ranch. Form rly the Bate and Miller treconvincing 18 712 acres) on the easterly side of the South Fork of Ixing. River. The footbridge creeted on this canal for a giging station was never used in it was constructed of one local boards and would not carry the weight of a hydrographer. Weight out to the Highbourd in the headgate and current meter gagings at a firm bridge about on. In It fill, lown, the air from the headgate Gage heights until May 6, 1923, were obtained by daily staff readings and lince there by a seven day water stage recorder. stage recorder

Records of diversion are incomplete for the years 1918, 1919 and 1927, due largely to the condition of the canal and the manner of its operation

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov	Dec	
3						38 5 30 5 30 5 42 5 24 0	44 7 36 4 25 4 28 8 24 0						
9			:			28 8 28 8 28 8 30 5 40 5	20 8 18 2 15 5 13 1 12 1						
12 13 14 .)					34 5 34 5 30 5 32 5 36 0	9 9 7 8 6 1 4 4 2 8						
18					11 0 22 5 77 5	40 5 30 5 25 5 20 8 24 0	1.						
22 23 24					110 5 110 5 105 5 105 5 110 5	19 5 19 5 19 5 14 5 19 5					•	E	
27 28 29 30					98 0 77 5 77 5 77 5 39 3 39 3	18 2 19 5 14 5 49 5 44 7			-			**	

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1921		ANNYA ACADE WIELD SHAME TENANT	TARREST STATES STATES					
1922		With the state of the second second and the second	Miles cont. Leafy 1895					

TABLE 13. LMPIRE CANAL No. 2 LAST SIDE: Continued

	The state of the s												
Day	Jan.	Feb.	March	April	1.3	Jı	J.	١.,	2011	Llet	No.	Dr	
1923 1			23 17 17 15 0 14 35 35		44 4 5 5 5 7 4 7	10 12 14 15 2) 28 20 25	5 5 5 5 5 5 5 5 7 7 8						
10 . 11 . 12 . 13 14 15		2 4 6 6 3 3	35 35 27 19 14 14	30 0 55	97 87 87 80 52	2) 30 37	42 3.0 15 24 25 20 17						
20		3		63 66 55 45 55 55 55 57 55	15 13 10 8 6	39 45 42 45 47 45 45 54 54	14 10 7						
26 27 28 29 30 31		9 11 12		45 39 39 39 39	3 3 4 6 %	4+ 3+ 31 27 21							
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12						14 19 5 11 15 11 5 5							
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TABLE 13. EMPIRE CANAL No. 2 FAST SIDI | Continued

Facilities are not available for obtaining to octory record of the liver on twith ear. The is no gaging station. The diversions reported on this pagawar in a unit of the mode of the canal where the flow was affected by checking and by the growth of mode and the

Date	Gage	Diversion, Second-feet
February 25, 1927 March 7, 1927 May 7, 1927 - May 12, 1927	1 78 2 28 2 82 3 02	10 3 25 8

TABLE 13. EMPIRE CANAL No. 2 (EAST SIDE) Continued Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Mean		Maximum	Минишиш	Mean
1920— May June July	110 5 49 5 44 7	0 0 14 5 0 0	34 2 29 1 8 7	1923 - February March April May	12 35 66 98	0 0 0 2	4 10 28 38
The year	110 5	0 0	6 0	June July	57 53	10 0	33 20
MayJune	29 0 41 0 38 0	0 0 0 0 0	4 0 26 0 13 0	The year	98	0	11
The year	41 0	0 0	- 3 5	May June	25 75	0	11
1922—				The year.	. 75	0	1
May June July July	41 0 37 0 41 0	0 0 6 0 0 0	25 0 19 0 20 0	1926 May June	76 25	0	23 2
The year	41 0	0.0	5 4	The year	76	0	2

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TABLE 14. TRESNO CANAL

				1781	., .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	sion in	occond-	reet				
Day	Jan.	Feb.	March	April	May	June	July	Vag.	Sept	Uet	100	Dec.
2			175 4 175 4 177 8 177 8 194 6	15 0 134 9 317 2 368 0 374 8	958 4 987 5 1,012 0 1,008 0 1,012 0	909 2 933 2 962 4 989 8 993 2	1,024 0 1,024 0 1,003 3 945 8 1,008 8	316 8 353 8 389 9 350 6 377 8	279 h 299 7 242 8 215 6 176 4	29 0 30 6 27 4 25 0 24 4		
			257 6 102 0 15 0 13.6 12 4	377 0 374 0 448 3 615 0 625 2	1.012 0 1.028 0 914 0 916 0 904 8	983 0 983 0 965 5 967 2 979 6	1,016 0 1,025 5 1,032 0 1,028 0 1,024 0	373 2 350 4 332 2 314 1 287 4	146 0 140 5 129 4 129 4 125 8	23 2 23 2 23 2 23 2 23 2		
13			53 4 84 2 22 0 18 0 16 5	725 2 798 0 809 4 802 3 810.0	874 8 847 6 848 5 841 5 841 5	983 0 991 4 988 4 990 6 989 8	1,020 0 925 1 952 4 1,017 2 939 1	261 6 263 2 263 2 263 2 263 2	113 S 106 0 100 2 95 5 100 0	23 2 23 2 23 2 23 2 23 2		
16 17 18 19 20			19.8 20.8 19.6 17.5 14.5	809 5 813 0 826 9 857 8 904 6	878 6 927 8 911 2 928 8 958 8	989 8 1,001 8 1,025 0 1,036 0 1,040 0	899 6 801 5 682 6 630 7 647 2	263 2 263 2 242 8 221 4 195 4	108 3 112 0 114 4 122 8 125 0	23 2 23 2 23 2 23 2 23 2 23 2		
21 22 23 24 25			13 2 12 6 119 6 173.0 173.0	916 3 969 4 940 8 940 8 940 8	955 2 955 2 958 8 962 4 935 0	1,044 1 1,018 6 1,008.5 1,040 0 1,020 0	563 6 501 8 478 2 441 0 393 4	165 8 158 0 164 6 158 5 143 6	127 2 38 5 29 8 29 8 29 8			
26 27 28 29 30 31		20.0 88 0 151.2	173.0 180 4 177 8 177 8 77 9 16.0	944 5 938 6 904 2 927 0 907,5	935 8 955 2 955 2 947 5 901 2 919 4	1,020.0 1,016.0 1,012.0 1,005.0 989.8	349 2 303 8 286 6 288 6 271 6 271 6	133 8 133 8 170 3 214 2 200 6 203 2	29 0 27 4 26 6 27 3 29 8			
1919— 1 2 3 4 5			144 0 121 4 82 9 97 4 95 8	689 5 717 2 764 2 818 5 832 4	1,023 0 1,023 0 1,039 0 1,031 0 1,035 0	983 8 983 8 995 5 1,023 0 1,031 0	745 5 646 9 569 1 496 8 516 0	117 5 218 5 265 4 254 8 247 0	199 [°] 0 203 4 194 6 188 0 179 6			
6 7 8 9			94 2 91 0 84 0 88 2 94 2	886.3 886.3 886.3 886.3 952.6	1,043 0 1,039 0 1,047 0 1,056 0 1,043 0	1,035 0 1,035 0 1,031 0 1,031 0 1,035 0	535 4 643 1 651 2 642 4 704 3	247 0 244 0 241 8 241 8 241 8	164 9 156 5 154 4 150 2 145 1			
11 12 13 14 15			104 2 152 3 80 2 43 0 43 0	963.0 976.0 983.8 999.4 999.4	1,039 0 1,047 0 1,047 0 1,043 0 1,043 0	1,035 0 1,027 0 1,027 0 1,027 0 1,031 0	745 3 686 0 631 9 595 0 590 4	239 2 241 8 244 4 249 6 241 8	142 0 136 0 134 0 116 1 65 9			11 2 13 b 12 4 12 4
16 17 18 19			42 0 147 8 298.1 301 2 252 2	1,015 0 1,015 0 1,015 0 995 5 1,001 3	1,043 0 1,023 0 1,027 0 1,043 0 1,047 0	1,027 0 1,019 0 1,027 0 1,023 0 1,027 0	574 6 612 6 655 0 547 2 333 1	222 0 224 4 224 4 221 4 229 2	32 8 31 9 31 9 31 9 31 9			12 4 12 4 12 4 27 3 40 0
		26 2 25 4 25 4 25 4 24 6	252 2 249 6 252 2 327 8 417 1	1,023 0 1,023 0 1,023 0 1,023 0 1,031 0	1,043 0 1,039 0 1,043 0 1,015 0 1,007 2	1,039 0 1,035 0 1,031 0 1,035 0 1,027 0	372 6 343 7 350 1 231 8 134 9	234 0 234 0 210 2 210 2 210 2	31 4 31 0 30 2 25 6 27 8			40 0 40 0 40 0 40 0 43 8
26 27 28 29 30 31	********	112 6 150.2 144.0	511 2 529 2 549 0 549 0 585 0 655 2	995.5 1,015.0 1,031.0 1,011.3 1,013.3	1,027 0 1,031 0 1,027 0 1,031 0 1,027 0 995 5	1,011 1 1,015 0 1,011 1 987.7 885.6	90 7 76 5 63 2 56 5 52 6 50.0	210 2 210 2 210.2 210.2 2 7 8 157 3 168 0	27 0 27 0 27 0 27 0 27 0 27 0			45 7 59 1 59 1 59 1 59 1 59 1

TABLE 18 SNOCANAL Continued Date to a min Sections

the said to be Name | -- ners (May Steel Ship) In-17. E1 31 -6 -6 -6 6.6 LI I 100 31 4 * -8 . 1000 6 1 1 100 411 ---000 = 0 1 ì 3 -1 -4 ---1.4 IEM: 1 1 1 . CHIEF IN W . ALM N -000 Interior -4. 100 3 - 4 2-4 4 -2017 5 1 1 1 -6 4 | | 112111 -10 1 200 ---200.0 1 ---NE. 1.6 4 100,10 E 1 10.0 H 3 EL. (0.00) 1.14 0 = 1 L 4 100-1 4 =: (mix n TO I () Clear III Section. 19,1-STEEL ST 4 100 14 w 9 -6 \sim 6 4 0 - 4 16 100 ---.... 8 -.--1 = 41 E 6 . 1.0 1111 6 . 0 0 1 1 114 1 - 4 1 1 1 . 1 - 4 101 0.5 3 0 6.0 -8 -61 0 4 340 U . . . - 1 1 0 - 4 8 1 - 6 6 -1 1 - 6 0 1 9 F

TABLE 14. TRESNO CANAL Continued

	1		=			710-11	accond	-1000				
Day	Jan.	Feb.	March	April	May	J ne	Jy	7 8	Sept.	(let	Voi	Dec
1922— 1 2 3 4 . 5		39	31 39 51 62 62	371 412 431 437 502	1,03.3 1,04.6 1,056 1,082 1,086	914 321 990 983 937	1,0%) 1,07% 1,075 1,0% 1,0%	063 1,016 1,04 060 052	5 /9 4 (9 377 328 2 /8			
6 7 8 9		39	61 59 58 64 68	560 606 726 759 713	1,082 1,071 1,078 1,027 1,057	1,020 1,012 1,016 1,027 1,012	1,096 1,075 1,053 1,064 1,056	511 707 603 623 584	257 223 207 185 150			
11 12 13 14 15		56	65 80 105 123 123	\$25 789 748 818 833	1,068 1,064 1,078 1,078 1,078 1,020	1,020 1,031 987 983 1,042	1,064 1,05n 1,056 1,045 1,031	543 492 458 4.5 391	151 143 135 121 113			
16 17 18 19 20		50	40 2 77 158 234	793 752 752 800 888	1,005 1,012 1,023 1,038 1,012	1,049 1,071 1,068 1,075 1,082	1,031 1,049 1,042 1,048 1,049	368 365 334 338 337	105 105 109 107			
21. 22. 23. 24. 25.	51 16 51 27		254 292 247 162 228	979 979 997 1,008 1,008	1,005 1,005 1,023 1,020 1,012	1,103 1,103 1,092 1,096 1,106	1,020 1,008 1,008 1,005 979	303 272 264 237 431				
26 27 28 29 30	51 51 51 39 39		298 326 326 326 354 365	1,005 1,016 1,049 1,042 1,042	994 943 924 866 825 914	1,110 1,114 1,106 1,100 1,096	914 906 729 844 836 825	614 614 726 733 759 807				
1923— 1 2 3 4 5	18	77 79 77 79 94	300 308 306 289 334	958 928 961 903 811	800 885 939 932 903	961 928 969 994 1,038	1,060 1,060 1,042 1,038 1,038	737 677 599 526 468	242 247 249 254 242			
6 7 8 9 10	23 40 57 58 58	92 98 126 126 123	362 385 461 508 488	485 789 874 921 200	939 965 997 1,053 1,056	1,056 1,060 1,064 1,064 1,078	1,042 1,038 1,027 1,016 1,001	403 354 334 325 311	234 244 242 234 234 234			
11 12 13 14 . 15	58 58 58 58 58	58 80 117 141 126	468 471 508 543 519	458 759 763 707 669	1.049 1.012 946 924 965	1,100 1,088 1,092 1,110 1,086	994 1,001 1,009 1,012 1,012	284 247 386 495 422	228 218 228 279 343			==
16 17 18 19 20	58 58 58 58 58	126 126 129 131 129	508 574 613 744 833	602 502 481 502 512	976 979 1,012 969 807	1,034 997 1,038 1,056 1,064	1,012 1,005 994 972 946	355 354 400 371	311 247 216 153 133			
21 22 23 24 25	58 55 51 20 43	126 133 139 160 187	888 885 903 939 965	526 557 618 640 564	921 979 987 1,001 1,001	1,071 1,064 1,056 1,049 1,049	917 914 935	328 337 300 276 264	131 187 214 214 187			
26 27 28 29 30 31	64 75 75 75 65 59	196 221 269	983 994 1,001 997 976 990	636 673 707 748 782	961 939 939 958 943 950	1,031 1,0, % 1,056 1,071 1,056	796 789 763 692 673 655	242 249 254 262 254 249	200 162 160 111 60			3

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TABLE II TRESSO CANAL Continu d

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1926 1 2 3 4 5	38 62 61 61	146 80 65 107 47	259 325 343 334 331	9% 9% 918 953 911	1.8 1.18 1.118 1.123	1, 7 1, 7 1, 7 1, 1 1, 7	500 44 11 4 75	1	1 () () () () () () () () () (t to	107 114 111
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11 12. 13 - 14 15	55 55 55 51 51	29 95 231 264 334	1 4 404 486 588	1,0 ° 2 1, ° 19 1,0 55 1,0 55 1,0 41	1 104 1,109 1,127 1,123 1,147	1,00 1,00 1,00 1,00 1,00 1,00	1-1 4 G 372 2 S - J	204 157 174 175 114	t ti ti ti 5 54		t t 6	2. 5 2.5 274 276 271
16 17 18. 19 20.	51 51 51 51 49	369 357 213 187 298	676 738 676 616 539	1,064 1,046 1,046 1,046 1,073	1.1.7 1.115 1.127 1.127 1.123	%7% %74 %74 %74 %4%	215 179 4. 42 57	114 101 85	51 51 51 52	2	6 6 6	257 217 241 16 156
21 22 23 24 25	49 49 51	233 206 164 128 93	483 539 636 809 910	1,082 1,100 1,103 1,113 953	1,12, 1,123 1,113 1,113 1,104	754 724 724 690 650	14 5 5	13 00 00 00 00 00 00 00 00 00 00 00 00 00	10 40 40	iş iş rı is is	2 20 20	156 10 152 14 96
26	51 40 44 49 68 48	133 172 200	949 649 949 949 944 944	1,123 1,113 1,118 1,118 1,118	1,10° 1,07° 1,01 1,101 1,10° 1,1 1	615 561 535 575 624	5 5 5 5 5	20 20 20 20 20 20 20 20 20 20 20 20 20 2	71	5 5 6 6	15	115 55 7 19 35 4
1927— 1 2 3 4 5	47 42 40 40 61	110 107 128 123 282	482 485 491 482 451	945 927 £11 954 1,001	1.112 1.122 1.127 1.157 1.157	1,073 1,078 1,078 1,078 1,088 1,112	1,05% 1,05% 1,054 1,051 1,051	512 696 615 551 414	157 178 176 176 175	1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	÷ ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	51 13 35 35 55
6 7 8 9 10	100 180 150 124 121	363 397 397 360 315	476 524 558 460 491	1,004 1,044 1,009 1,029 1,015	1,152 1,122 1,102 1,091 1,05	1,147 1,1. " 1,15% 1,170 1,170	1,054 1,054 1,054 1,058 1,058	4: 4 5:01 5:10 4: 4 448	178 171 171 171 171	; ; ; ; ; ; ; ;	# # # # # # # # # # # # # # # # # # #	55 55 57 55 55
11 12 13 14 15	233 276 248 217 194	293 255 258 201 114	527 544 545 579 612	1.015 1.014 1.018 1.088 1,092	1,055 1,055 1,112 1,137 1,137	1,070 1,070 1,078 1,097 1,125	1,051 1,054 1,03.) 1,033 992	4 0 405 45 04 357	171 171 171 171 171 161	7 7 7 7	2 2 3 3 4 4	51 67 72 87
16 17 18 19 20	185 178 93 67 189	61 53 207 304	615 649 657 657 695	1.03 1.83 1.0.2 1.0.2 1.085 1.0	1,132 1-147 1-152 1,157 1,152	1,123 1,137 1,133 1,124 1,123	645 646 646 647 647	421 415 445 4 4	137 111 12 12	7 7 7 7 7		11 m) (++) (++) (
21 22 23 24 25	357 377 315 260 226	323 326 360 386 424	722 776 828 881 927	1.007 1,002 1,102 1,107 1,112	1 152 1,05% 1,0, 4 1,1 14 1,014	1.137 1.145 1.144 1.117 1.070	31 31 31	421 415 ×0 1× 2×2	135	7	20 2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1) 5 1) 1) 1) 1) 5
26 27 28 29 30 31	198 238 163 146 132 110	421 448 448	950 959 977 982 982 965	1,1 7 1,112 1,112 1,112 1,107	1,078 1,10± 1,688 1,688 1,688 1,688	1.058 1.070 1.070 1.055 1.058	90 × 90 × 90 × 90 × 90 × 90 × 90 × 90 ×	267 253 217 1.5 182	16.7 = 7 = 4 =		1 1 200 d d d d d d d d d d d d d d d d d d	11.5

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TABLE 14. FRESNO CANAL Continued Summary of Monthly Diversion in Acre-feet

The second secon						111 11016 131	71010-100						
	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1929	1924	1930
January February March April	5,707 41,849	1,624 14,521 56,375	5,071 7,619 32,497 52,137	2,016 9,241 31,135 00,511	822 1,022 9,385 46,972	2,919 7,059 39,685 40,107	3,449 5,354 4,875 42,465	6,027 23,693 43,327 56,323	3,146 8,647 30,192 60,465	10,508 14,854 41,451 62,853	7,960 9,043 31,470 62,382	23,091	4,455 9,255 29,101 58,255
May June July August	57,401 59,152 45,134 15,430	63,491 60,451 27,728 13,708	61,360 60,706 51,807 20,200	63,201 64,485 52,967 16,790	62,509 62,025 61,925 35,913	58,780 62,204 57,735 22,806	58,050 10,635 3,967 3,936	65,728 65,417 45,530 22,717	68,328 52,712 12,537 6,720	68,086 65,229 59,984 25,332	64,570 57,758 12,167 6,128	65,140 60,631 27,970 9,983	51,754 59,600 24,550 10,749
September October November December	6,689 458	5,500	2,406	5,318	5,437	E 867	1,897	5,696	3,810 143 404 9,676	9,456 440 416 5,097	교 61 2 51 로 82 2 51 로 82	5,011	4,011
Total	232,836	244,758	203,803	301,667	289,010	304,111	139,775	339,751	262,752	363,706	257,642	245 47%	202403

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TABLE 15. FRESNO IRRIGATION DISTRICT CANALS Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1920— 1 2 3 4 5	59 0 59 0 72 0 77 0 78 5	107.0 109.0 109.0 109.0 109.0	448 0 308 0 694 0 853 0 892 0	951 0 918 0 885 0 906 0 930 0	1,363 0 1,362 0 1,359 0 1,367 0 1,367 0	1,314 0 1,371 0 1,383 0 1,385 0 1,350 0	1,444 S 1,457 3 1,415 S 1,428 1 1,447 6	576 7 512 8 484 2 463 7 474 4	195 8 192 9 149 9 126 7 118 7			
6 7 8 9 10	78.5 78.5 78.5 78.5 78.5 78.5	109 0 109 0 111 0 113 0 135 0	867.0 691.0 694.0 652.0 649.0	1,029 0 1,124 0 1,182 0 1,115 0 1,112 0		1,354 0 1,399 0 1,401 0 1,404 0 1,404 0	1,446 2 1,456 4 1,459 4 1,445.3 1,368 7	479 5 411 2 362 6 355 8 347 1	114 7 115 5 117 2 121 6 125 1			-
11 12 13 14 15	00	115 0 110 0 105 0 105 0 105 0	683.5 714 0 685 5 705.0 686.0	1,194 0 1,204 0 1,199 0 1,200 0 1,005 0	1,384 0 1,350 0 1,380 0 1,367 0 1,357 0	1,403 0 1,354 0 1,363 0 1,405 0 1,352 0	1,354 8 1,369 9 1,385 5 1,246 8 1,026 5	306 7 284 3 276 2 268 1 268 1	124 1 120 5 114 1 110 4 108 6		· 4	
16 17 18 19 20	82 0	105.0 107.0 105.0 105.0 143.0	644 5 695.0 654.0 662.0 678 0	907 0 1,116.0 1,159.0 1,171 0 1,177 0	1,365 0 1,392 0 1,393 0 1,397 0 1,396 0	1,372 0 1,360 0 1,363 0 1,339 0 1,323 0	977 2 1,020 4 997 4 949 1 955 0	265 4 262 7 270 8 260 0 257 0	104 9 86 7 43 0 43 0 43 0			
21 22 23 24 25	80.0 81.0 100.0 110.0 82.5	129 0 114 0 382 0 254 0 215 0	435 5 465.0 687 0 830 0 905.0	1,220 0 1,216 0 1,238 0 1,248 0 1,284 0	1,405 0 1,379 0 1,377 0 1,326 0 1,369 0	1,366 0 1,366 0 1,372 0 1,380 0 1,388 0	926 7 848 2 813 7 837 7 828 2	252 2 252 2 254 8 254 8 254 8	42 0 40.0 30.7 23 0 10 7			
26 27 28 29 30	105.0	150.0 122.0 225.0 246.0	255 0 149 5 330.0 598 0 812.0 940.0	1,334 0 1,353 0 1,365.0 1,334 0 1,328 0	1,367 0 1,364 0 1,347 0 1,271 0 1,294 0 1,337 0	1,404 0 1,463 0 1,415 0 1,438 0 1,458 0	749 0 674 8 634 2 595 8 553 4 523 7	410.4 397.8 308.6 268.1 316.0 233.0				
4		161 170 178 178 198	441 518 496 502 490	1,018 1,131 1,186 1,224 1,224	1,431 1,430 1,438 1,448 1,446	1,272 1,268 1,275 1,247 1,247	1,414 1,355 1,343 1,362 1,419	627 605 566 527 460	207 207 317 374 228			
7 8	30	196 200 248 248 256	510 598 596 605 605	1,247 1,287 1,334 1,368 1,345	1,432 1,424 1,410 1,396 1,418	1,273 1,310 1,326 1,345 1,354	1,416 1,412 1,407 1,393 1,373	386 334 326 339 346	198 249 236 229 227			
11 12 13 14 15	50 29 27 31 68	283 296 311 169 264	607 579 475 309 544	1,371 1,312 1,267 1,255 1,284	1,438 1,442 1,446 1,425 1,417	1,352 1,372 1,374 1,383 1,399	1,397 1,410 1,412 1,415 1,334	344 325 294 272 272	210 217 213 203 190			
16 17 18 19 20	98 95 91 125 82	307 303 298 299 311	553 614 647 649 671	1,293 1,331 1,369 1,383 1,392	1,444 1,449 1,449 1,434 1,333	1,411 1,399 1,384 1,372 1,409	1,337 1,342 1,280 1,206 1,116	247 247 252 252 249	179 172 130 129 130			
21 22 23 24 25	156 215 124 130 137	289 336 345 343 338	741 694 763 807 819	1,426 1,429 1,425 1,423 1,444	1,146 1,292 1,282 1,264 1,279	1,407 1,412 1,412 1,404 1,399	1,088 1,276 1,276 1,171 1,059	247 242 242 254 242	48 47 43 42 40			
26 27 28 29 30	137 135 134 134 134 91 131	351 335 381	818 811 827 849 866 925	1,442 1,438 1,434 1,417 1,426	1,298 1,304 1,275 1,248 1,263 1,259	1,388 1,411 1,412 1,421 1,414	950 815 671 600 531 494	242 232 216 221 212 210	40 40 38 10			

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TABLE 15. FRESNO IRRIGATION DISTRICT CANALS Continued

TABLE IS THE COURREST SOISTREET CASAS CONTORS

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TABLE 15. FRESNO IRRIGATION DISTRICT CANALS Continued

Day	Jan.	Feb.	March	A ross	Max	1	1					
———	Jan.	100.	- Starch	Apri	May	June	Juy	lug.	Sept	Oct	\ov	Dec
1928 — 1	101 100 123 148 156	214 172 225 357 458	159 194 190 298 280	1,351 1,352 1,339 1,354 1,349	1,409 1,449 1,464 1,453 1,455	1.482 1.478 1.482 1.480 1.474	706 664 603 525 521	210 222 232 210 193	\$3 77 73 69 67	3 5 5	01 00 00 01 00 01 01	6 4 94 97 99 90
6 7 8 9 10 .	172 181 181 181 181 179	380 338 394 348 299	260 247 178 210 217	1,347 1,345 1,333 1,325 1,313	1,455 1,453 1,451 1,463 1,463	1,464 1,466 1,466 1,449 1,404	522 519 506 495 455	179 167 132 165 166	67 66 66 66 06	5 5 5 5 5	9	90 90 90 90 83
11 12 . 13 14 . 15	179 176 190 166 155	297 297 329 248 233	312 378 433 522 484	1,354 1,354 1,356 1,356 1,359	1,463 1,463 1,463 1,465 1,460	1,386 1,384 1,326 1,285 1,286	433 362 277 295 265	153 146 145 136 136	64 62 62 63 65	5 5 5 5 5	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	44 41 41 41 79
16 17 18 19 20	196 155 144 132 90	219 186 186 185 184	492 518 612 631 767	1,357 1,354 1,345 1,350 1,354	1,465 1,467 1,469 1,471 1,478	1,272 1,279 1,274 1,243 1,175	254 257 230 215 179	145 157 154 134 128	64 52 74 66 56	5 5 5 5 5	2 2 2 2 2 2 2	12562
21	91 91 93 128 150	184 186 186 196 186	\$48 \$95 979 1,049 1,253	1,350 1,354 1,349 1,346 1,343	1,471 1,463 1,455 1,459 1,467	1,175 1,177 1,177 1,177 1,177	142 132 \$6 \$6 \$6	130 109 119 119 119	47 51 51 51 51	5 5 5 5	2 2 2 2 2 2 2 2	90 90 90 90 91
26 27 28 29 30 31	144 142 144 167 238 286	187 174 170 152	1,298 1,301 1,286 1,286 1,286 1,290	1,351 1,343 1,349 1,336 1,338	1,465 1,474 1,472 1,464 1,462 1,474	1,177 1,160 1,024 896 756	\$6 \$6 \$6 \$6 \$2 90	114 110 105 100 96 93	46 46 49 49 51	5 5 2 2 2 2 2	2 2 2 2 2 2 2	91 93 94 94 92 93
1929— 1 2 3 4 5	93 95 94 92 93	91 98 128 244 310	114 113 115 118 187	801 805 580 950 1,208	1,420 1,442 1,447 1,465 1,474	1,409 1,365 1,3*3 1,413 1,369	1,365 1,362 1,330 1,309 1,289	359 335 297 278 311	204 195 214 235 218			44 60 73 75 70
6 8 9 10	96 107 101 97 97	145 114 114 114 114	276 306 306 278 460	989 963 844 845 756	1,456 1,453 1,451 1,447 1,447	1,344 1,348 1,344 1,346 1,352	1,251 1,224 1,179 1,104 975	267 245 251 251 238	173 153 127 112 97			69 75 76 74 73
11 12 13 14 15	98 95 93 93	115 112 115 115 114	666 635 589 538 411	785 919 865 875 1,020	1,447 1,455 1,458 1,460 1,458	1,367 1,369 1,371 1,404 1,453	564 747 651 551 452	212 200 193 182 189	92 92 56 77 72			93 NS 109 103 96
16 17 18 19 20	90 91 90 92 91	111 111 111 109 111	444 418 474 558 555	1,253 1,366 1,371 1,371 1,340	1,456 1,450 1,451 1,451 1,455	1,528 1,478 1,446 1,448 1,436	428 369 332 320 305	180 201 215 223 212	69 63 57 56 60			102 105 104 103 72
21 22 23 24 25	91 90 91 92 92	113 115 112 110 107	558 827 1,020 858 810	1,327 1,320 1,230 1,189 1,173	1.462 1.460 1,462 1,460 1,455	1,450 1,455 1,460 1,441 1,422	267 208 186 147 132	203 199 193 186 168	99 106 102 97 90			90 53 70 77 77
26 27 28 29 30 31	92 92 91 91 91	107 111 113	685 636 711 937 1,157 958	1,163 1,998 1,276 1,367 1,369	1,445 1,467 1,442 1,409 1,411 1,457	1,422 1,418 1,353 1,376 1,376	117 109 115 104 115 168	163 146 138 149 158 200	70 63 62 63 61			77 79 73 79 70 74

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TABLE 15. FRESNO IRRIGATION DISTRICT CANALS Continued
Summary of Monthly Diversion in Second-feet

1927		Maximum	Minimum	Mean		Maxim im	Minimum	Mean
January	January February March April May June July August September The year	1,452 1,511 1,508 1,484 1,377 818	28 92 459 1,155 1,267 1,055 307 0	72 222 1,035 1,398 1,410 1,385 770 208	January February March April May June July Augu, t September October	575 1,217 1,481 1,588 1,610 1,449 1,158 273 31	52 576 1,116 1,451 1,493 1,177 245 221 7	3×1 ×40 1,329 1,527 1,547 1,401 551 254
The year	January February March April May June July August September	364 1,329 1,270 1,412 1,516 1,456 1,013 384	112 384 267 980 1,281 934 242 125	196 \$19 \$35 1,268 1,434 1,254 481 254	January February March April May June July	286 458 1,301 1,359 1,478 1,482 706	90 152 159 1,313 1,409 756 82	154 247 050 1.347 1.462 1.281 301
The year 1,455 10 251 July 1,365 104 615 August 380 138 219 1925— January 355 100 150 December 235 56 110 March 1,307 586 903 May 1,4478 1,357 1,429 June 1,488 1,402 1,457 July 1,447 406 1,111 February 671 99 215 August 950 240 490 March 1,324 282 685 September 96 0 48 May 1,455 1,255 Locember 96 0 48 May 1,455 1,255 Locember 96 0 628 July 1,231 102 553 August 1,472 930 1,233 May 1,511 1,419 1,473 June 1,471 743 1,215 July 1,231 102 553 April 1,472 930 1,233 May 1,511 1,419 1,473 June 1,471 743 1,215 July 696 95 285 August 224 80 137 September 1,471 743 1,215 July 1,511 1,419 1,473 June 1,471 743 1,215 July 696 95 285 August 224 80 137 September 83 49 65 285 August 224 80 137 September 83 49 65 285 August 224 80 137 September 83 49 65 285 August 224 80 137 September 83 49 65 285 August 224 80 137 September 83 49 65 285 August 224 80 137 September 83 49 65 285 August 224 80 137 September 83 49 65 285 August 224 80 137 September 83 49 65 285 August 224 80 137 September 83 49 65 285 August 224 80 137 September 90 2 2 November 15 6 7 November 15 100 November 15 Nov	1924 January February March April May June	145 165 174 1,359 1,455 654	17 101 52 109 644 99 85 34 22	96 123 107 950 1,260 235 102 64 36	September October November December The year 1929 — January February March April	83 5 2 99 1.482 107 310 1.157 1.371	46 0 2 69 0 90 91 113 756	62 4 2 89 479 93 124 539 1,090
December 96	The year	1,455	100	251	June July August September	1,528 1,365 380 235	1,344 104 139 56	1,406 615 219 110
1926	December	96	586 608 1.357 1.402 406 240 126 0	903 1,215 1,429 1,457 1,111 490 175 48	1930 January February March April. May	214 671 1,324 1,363 1,455 1,461	73 99 282 1,088 1,258 1,247	101 215 685 1,325 1,384 1,493
December	1926	150	36	103	August September	292 109	121 58	204
	February March April May June July August September October November		406 930 1,419 743 95 80 49 0	1,203 1,473 1,215 265 137 65	The year	1.401	5%	503
		1,511	0	483				

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Day	Jan.	Feb.	March	April	May	June	$J_1 _{\mathcal{Y}}$	Nig	MIL	Det	\ v.	Dec
5				52 4 49 5 55 6 77 8 78 2	3 15 % 45 7 259 6 351 9 371 4	305 6 307 0 307 0 307 0 312 8	330 0 98 6 0 0 0 0	120 4 123 3 120 0 116 0 33 4	. 6 6			
6 7 8 9				N6 2 111 5 120 2 119 4 121 6	387 6 294 6 353 9 350 0 345 9	325 2 330 6 344 0 354 5 361 0	35 7 251 0 291 0 302 1 317 8		53 3 50 5 48 4 47 7 46 3			
				142 4 159 4 158 5 166 8 192 6	336 9 307 8 284 2 281 3 279 0	361 0 361 0 369 6 389 2 392 0	324 0 321 4 315 0 227 2 203 3		44 9 41 4 41 4 43 5 48 4			
20	1			210 0 238 9 260 1 265 8 269 5	279 % 282 0 279 0 279 0 287 4	392 0 392 0 392 0 392 0 392 0	186 2 165 6 164 3 164 3 165 6		44 8 46 3 47 8 40 7 37 2			
21 22 23 24 25				265 6 268 4 267 2 297 8 33× 5	297 4 316 2 325 0 326 9 316 9	390 0 390 0 386 0 389 2 389 5	164 3 163 0 162 4 165 0 160 0		33 7			
26 27 28 29 30			37 6 49 8 50 5 51 2	344 0 344 0 344 0 347 4 315 8	325 6 328 8 326 9 318 4 304 8 307 0	382 0 392 0 392 0 390 0 390 0	144 S 135 O 136 3 132 4 114 S 117 O					
1919 -				149 7 157 3 153 3 152 5 154 0	354 2 349 1 354 2 357 6 362 7	347 1 357 6 352 5 353 3 357 6	1 49 7 200 4 201 7 201 7 204 1	94 2 29 5 9 6 9 2 5 5		٥		
9				170 9 154 4 195 2 207 5 225 1	370 5 378 1 380 0 382 1 374 3	357 6 355 9 355 9 361 0 361 0	207 5 69 4	0.1				
11 12 13 14 15				251 5 267 0 295 1 303 5 318 9	377 3 384 0 384 0 381 1 382 0	361 2 361 0 361 0 359 3 359 3			12 7 24 5			
16 17 18 19 20			5 1	337 7 344 0 350 8 350 8 350 8	3×2 0 37× 1 3×0 0 3×0 0 3×2 0	357 6 355 9 35% 5 25% 3 314 9	2 6 5 6 5 6 109 1 190 5		24 5 23 5 22 5 22 5 22 0			
21 22 23 24			27 1 30 6 32 5 11 0	350 % 350 % 359 3 362 9 362 9	350 0 350 0 350 0 364 1 371 4	368 6 365 7 .59 9 355 3 356 7	182 1 173 5 181 6 180 2 174 2		20 5 20 5 20 0 20 0			
26 27 28 29 30 31			35 8 43 5 62 7 70 1 70 1 86 5	356 \$ 362 9 364 2 347 1 349 9	370 5 374 3 375 7 370 5 372 4 352 b	350 % 201 3 214 8 201 4 201 7	L 155 1 133 1 124 7 117 1 103 3		1 4 5 14 5 20 1 25 0 20 0			

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TABLE 16. GOULD CANAL Continued

Daily Diversion in Second-feet

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1922 1 2 3 4 5		44	61 62 63 65 65	88 87 104 110 114	411 467 411 416 425	358 346 346 344 346	391 089 689 384 386	308 338 343 332 324	219 195 194 160 130			
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11 12 13 14 15		44 58 70 71 71	68 65 64 65 66	183 208 93 222 122	411 398 31.5 31.2 37.2	362 372 360 361 374	388 391 386 384 380	205 183 167 167 146	104 102 109 115 81			1
16 17 18 19	32 33	73 73 73 73 75	53 56 66 66	222 251 251 251 251 325	363 365 382 386 360	372 368 366 370 379	379 379 380 380 380	125 90 95 91 81				
21 22 23 24 25	33 32 32 44 41	56 66 66 28 58	66 67 56 44 68	372 367 386 386 386	361 361 361 366 372	386 389 391 389 402	366 366 366 366 349	81 76 70 70 91				
26 27 28 29 30 31	41 41 41 48 26 26	58 58 58	100 104 87 90 91	366 372 403 403 398	361 334 331 331 329 358	396 394 394 391 392	343 329 326 326 322 298	115 124 150 170 202 235				
1923 - 1 2 3 4 5	23 48	38 40 43 43 43	95 95 95 95 95	312 305 308 291 264	180 224 259 264 240	358 353 353 359 370	396 396 396 397 404	276 273 260 253 239				
6 7 8 9	56 51 52 52 53	43 44 44 48 59	97 95 91 89 86	138 140 185 185 67	250 256 268 323 350	370 377 378 375 375	411 410 399 387 377	231 223 190 167 158	-			
11 12 13 14 15	52 18 50 50 51	54 61 67 79 84	83 84 91 96 93	102 118 160 146 130	363 336 302 343 320	377 390 397 406 4+4	375 368 367 363 363	153 153 178 179 145	11 41			4 6 14 25 23
16 17 18, 19 20	50 48 44 41 42	\$4 85 85 85 81	103 108 123 171 214	129 128 129 129 130	325 332 334 305 258	394 391 397 395 397	362 348 330 287 250	106 69 22 19 66	58 59 59 59 57			21 16 18 18 18
21 22 23 24 25	44 37 39 13 30	81 83 90 90 92	239 247 251 275 313	129 132 133 124 112	317 333 345 367 368	402 406 402 397 399	287 310 317 313 308	34	57 62 79 103 100			17 18 18 18 7
26 27 28 29 30 31	44 44 44 44 43 38	90 90 95	328 327 328 328 328 308 314	111 113 124 156 170	342 348 358 357 348 353	396 399 402 401 397	308 305 309 253 276 276		96 85 90 91 65			2 4 17 17 17

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TABLE 16. GOULD CANAL Continued

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1926 - 1	56 36 54 54 48	109 73 65 94 52	147 146 146 144 120	230 213 217 122 264	350 352 355 360 364	352 362 365 367 367	196 198 193 85	94 93 93 128 110				9 14 19 14
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11 12 13 14 15	47 49 56 53 48	75 87 109 131 154	91 93 97 97 115	245 256 255 250 255	352 350 354 354 354	359 352 360 359 360	31 93 95 70 19	17 24				26 26 31 48 48
16 17 18 19 20.	52 50 52 53 49	154 146 136 128 123	166 198 164 116 106	273 262 256 269 281	360 364 367 381 386	360 343 335 333 335	45 53 121 143 130	24 24 23 23 23				72 72 72 102 102
21 22 23 24 25	42 42 49 50 50	131 139 133 129 105	87 87 133 181 247	296 308 320 323 332	388 383 370 367 367	333 335 335 330 303	109 102 95 90 90	22 21				102 102 102 102 102
26 27 28 29 30 31	50 49 47 53 91 63	100 118 146	248 233 230 224 225 228	337 337 350 354 352	357 342 347 347 345 350	252 224 208 192 196	91 91 91 92 94		7 14 14	- ::	-	102 102 102 91 91
1927 1 2 3 4 5	94 94 94 94 94	148 148 148 45 125	125 126 119 123 125	201 189 213 226 233	373 384 401 418 415	429 433 431 437 439	437 439 441 439 443	346 341 341 341 349	80 86 91 93 92	19		
6 7 8 9	94 94 125 125 125	125 125 136 136 136	124 136 147 117 146	231 237 243 249 243	413 407 397 395 413	445 424 441 445 449	445 439 437 437 437	341 341 302 267 236	90 90 90 86 82			
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26 27 28 29	148 148 148 148 148 148	112 122 127	236 239 240 234 213 208	337 343 364 369 373	437 437 433 424 411 422	443 443 435 435 435	420 420 420 409 377 357	28 78 79	75 69 74 73 75			

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TABLE 16. GOULD CANAL Continued
Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	J	J_y	\ -R.	20 pt.	Oct	Nov.	Dec
1930— 1		48 47 46 47 48	52 52 79 174 201	306 25 8 26 8 305 322	3 3 in 3 in 3 in	\$3 400 400	1 45 171 129 129 122	106 104 104 109 110				70 75 94
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21 22 23 24 25	46 46 46 46 46	74 43 175 150 130	192 202 237 262 296	369 369 369 368	391 400 404 400 400	395 402 396 395 395	235 151 135 125 99		15 15 15 15 15			72 72 72 72 72
26 27 28 29 30 31	46 46 47 47 48 48	126 119 102	310 325 328 335 335 335	369 369 369 369 369	400 400 400 402 400 402	395 396 395 344 359	54 54 54 54 54 55		15 15 15 15 15			73 73 72 72 72 72

TABLE 16. GOULD CANAL Continued Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Mean		Maxim.m	Minimum	Mean
1918 — March	51 2 347 4 394 6 392 0 394 0 123 3 53 3	37 6 49 5 279 0 305 6 0 0 33 4 5 \$	6 1 202 3 322 1 366 3 191 2 16 6 25 5	1920— February . March	71 3 202 0 337 0 374 () 370 0 373 7 78 6 \$2 7	0 0 0 0 201 0 329 0 344 0 123 3 0 0	7 4 114 4 269 1 361 6 360 6 240 6 6 1 40 2
The year	394 6	0 0	94 5	The year .	374 0	0 0	116 6
1919 — March April May June July August September The year	76 2 361 7 353 0 366 4 204 4 44 4 24 2 383 0	5 1 143 7 349 1 200 4 2 6 0 1 12 7	16 0 283 0 373 1 340 7 105 8 74 8 11 9	1921 January February March April May June July August September	77 0 122 0 192 0 3 3 0 3 8 2 0 3 7 1 0 3 7 2 0 1 3 4 0 1 4 7 0	0 0 33 0 68 0 135 0 258 0 286 0 199 0 0 0	40 0 104 0 136 0 312 0 340 0 343 0 335 0 63 0
				The year.	353 0	0 0	142 9

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TABLE 16, GOULD CANAL Continued Summary of Monthly Diversion in Acre-feet

1930	1,750 2,633 12,873 20,475	23,221 23,714 9,393 1,776	4534	101,0%7
1929	3,639 4,200 10,035 15,337	22,52 9,575 5,575	1,493	100,314
1928	1,497 4,534 8,033	25,156 18,341 6,308 2,528	1,721	599,88
1927	7,538 6,251 10,658 16,083	25,667 25,986 25,986 8,520	5,623	133,036
1926	3,184 5,843 8,942 16,345	22,111 19,471 4,974 1,705	3,705	86,349
1925	3,172 7,714 12,086 15,862	19,984 21,162 19,651 7,387	4,697	114,368
1924	2,475 1,731 1,683 13,969	19,291 3,338 2,366	2222	46,968
1923	2,378 3,804 10,607 9,504	19,083 23,002 21,125 6,720	2,297	99,082
1922	931 2,978 4,239 14,569	23,322 22,297 22,689 11,332	3,944	106,301
1921	2,439 5,791 8,324 18,539	20,867 20,402 20,539 2,673	3,776	103,350
1920	424 7,024 15,985	22,102 21,422 14,794 374	2,395	84,610
1919	980	22,901 20,240 6,494 293	711	68,431
1918	374	19,774 21,736 11,738 1,016	1,519	68,174
	January. Pebruary. March. April.	May. June July: August	Systember October November	Totals

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TABLE 17. GRANT CANAL Continued

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13		20 6 57.2 54 3 52 6 53 1	28 0 18 0 16 0 15 1 16 0	19 0 15 1 11 2 9 2 6 0	279 6 245 3 283 9 259 8 259 2	268 3 257 5 216 5 273 8 249 0	119 1 114 9 47 3 11 7 14 9	5 5 4 3 5 0 4 9 4 5				
16 17 18 19 20		54 9 56 6 58 4 60 2 62 0	15 4 15 7 15 4 13 4 13 7	47 6 233 0 213 6 152 6 84.9	336 8 385 4 407 2 415 5 406 6	237 4 229 1 216 2 233 5 239 7	11 7 12 1 12 9 13 0 13 7	10 0				
		66 7 71 3 71 0 76 6 69 1	18 7 83 5 157 7 166 3 82 9	19 5 16 3 19 3 20 0 26 8	397 7 352 5 352 4 346 9 335 2	239 7 233 0 227 4 427 4 187 5	10 9 10 9 10 6 10 3 13 7	5 0 3 8 3 4 2 3				
26 27 28 29 30			58 7 182 9 182 7 155 9 103 2 82 7	22 0 11 7 12 8 22 3 140.9	337 9 341 3 313 4 256 6 275 4 275 4	138 0 82 1 51 2 30 2 31 0	14 4 10 6 7 5 7 2 6 8 6 9	10 6 10 5 5 4 4 4 4 6 3 0				
1921— 1 2 3		239 223 201 182 164	139 159 178 192 188	12 12 13 71 103	340 324 316 322 256	139 154 140 155 154	93 84 89 68 22	11 9 7 6	4 4 4 4 6			
6 8 9		148 132 117 104 92	173 165 125 92 70	78 52 32 32 22	245 186 132 59 123	149 145 164 186 232	9 23 28 21 19	1 1 1 1	15 12 7	-		
14		79	40 40 43 157 197	12 11 11 13 12	196 282 319 312 319	246 200 196 198 196	13 17 18 16 14	1 1 1 1	9 9			
17	190 201	85	194 190 181 177 152	10 9 10 10 11	310 260 207 174 164	206 211 136 72 85	12 11 12 13 14	7 6 3 3	8 5 8			
21 22 23 24 25	226 226 214 203	49 42 44 40 40	114 61 63 51 40	10 12 54 166 56	156 194 189 195 184	178 242 273 275 268	14 13 16 14 13	3 3 3 3 3				115
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TABLE 17. GRANT CANAL - Continued

	Daily Diversion in Second-feet											
Day	Jan.	Feb.	March	April	May	June	J ly	1 8	Sept.	Oct.	Nov	Dee_
1924 1 2 3 4 5	13 14 13 12 12	10 9 10 10	11 13 13 12 12	13 13 14 11 12	15 22 23 25	9 9 9	13 11 9 8	5 4 5 5 5 7	5 5 5 5	के के के के	15 16 16 17 18	3 5 11 14 14
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11 12 13 _ 14 15	11 10 10 10 9	12 10 10 9	10 12 16 10 10	14 16 9 9	30 25 26 19 16	6 6	# # # # # # # # # # # # # # # # # # #	6	5 5 6	6 5 5 5	99 23 14 14 19	13 15 15 15 15
16 17 18 19 20	9 9 9 9	9 10 9 8 9	10 11 10 11 10	9 S 9 10 15	18 19 19 20 19	5 4 4 4	6 6 5 5 4	6 5 4 4		6 6 6 5	22 16 14 14	17 16 16 14 12
21 22 23 24 25	9 9 9 9	9 10 10 10	9 - 6 5	15 15 13 13	15 17 14 14 15	3 5 13 13 12	9999	4 3 3 6 6	66666	5 5 5 5	6 6 5 5	10 10 12 21 14
26 27 28 29 30	7 9 10 10 11 11	10 11 11 11	5 5 13 9 11 12	11 11 13 14 14	14 14 9 11 9	12 12 12 12 12 13	6 6 6 6 5	555555	5 4 4	43335559	5 5 5 4 3	17 17 16 14 15 20
1925— 1 2 3 4 5	38 20 16 15	16 16 17 16 18	15 25 23 18 16	18 19 18 22 83	22 28 92 228 317	249 164 157 101	26 36 29 28 39	11 12 9 11	6 0 5			15 15 20 24 10
6 8 9	17 18 18 18 15	21 54 69 24 24	17 19 18 18 18	\$3 34 18 19 23	322 352 373 321 290	62 64 64 70 124	32 25 30 32 25	6 5 4 4	5 5 13 12 9		11 8 11 12 13	\$ 10
11 12 13 14 15	16 14 13 16 15	17 22 19 21 16	16 14 13 13	27 25 50 74	209 150 123 80 74	152 153 244 302 252	28 28 29 18 18	9 20 14 17 23	659		13 13 14 17 16	11 10 10
16 17 18 19 20	16 16 16 16 17	15 16 16 16 16	15 16 17 14 14	93 105 88 76 70	104 107 120 170 154	200 135 132 129 132	18 25 24 20 31	15 13 11 9	17 9 5 4 3		15 14 15 16 15	18 19 19 16 16
21 22 23 24 25	16 15 15 14 16	18 35 21 12 11	16 16 17 21 22	62 44 42 34 37	182 142 164 253 325	150 139 107 107 96	19 20 17 10	10 10 9 10	5 4 4	2 5 5 6 5	15 16 15 16	15 13 13 13 13
26 27 28 29 30 31	17 21 21 21 18 16	11 11 10	19 20 19 20 23 18	1.4 31 32 28 23	353 365 343 353 373 336	65 46 36 22 22	9 9 9 12 13	13 11 9 9	3 3 3 0		16 16 16 15 13	13 13 13 13 13

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TABLE 17. GRANT CANAL—Continued
Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	A.v.a	C A	O-A	N'	D
124)	Jan.		- Marcu	- April	nuy.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1928—	17 16 16 16 16	20 18 23 20 21	13 14 14 15 17	37 30 29 39 33	159 198 162 133 109	151 142 134 157 154	19 19 18 17 20	16 17 16 16	14 14 13 14			18 18 16 11
6 7 8 9 10	15 16 15 15	27 20 21 16 12	16 15 15 15 15	22 11 9 11 17	149 155 142 157 104	139 115 109 78 65	19 18 19 17 17	16 16 17 16 15	15 15 13 14 14		10 10	14 14 13 12 12
11 12 13 14 15	19 19 15 20 16	12 11 11 11 11 10	19 19 19 18 18	16 17 27 32 19	88 93 110 149 174	41 26 23 20 18	18 20 17 21 20	15 16 16 16 18	14		10 10 11 12 8	12 13 14 15
16 17 18 19 20	19 15 13 14 13	12 12 12 14 14	16 13 12 12 12	25 22 19 19 26	214 172 123 126 109	22 27 24 24 21	19 20 19 19 19	19 17 16 16 16			7 4 9 14 15	8 7 11 14 14
21 22 23 24 25	14 16 16 16 17	14 14 14 14 13	12 12 12 12 12 41	22 20 23 30 30	106 118 104 109 144	18 18 17 17 17	19 20 20 20 17	16 16 16 15 15			16 15 14 14 14	14 15 14 14 14
26 27 28 29 30 31	17 16 16 17 17	13 12 12 14	174 174 190 95 47 40	26 23 35 41 72	150 141 173 188 204 176	19 20 17 15 19	16 17 16 19 18 17	16 16 17 16 15			14 13 13 13 14	16 16 14 14 14 14
1929												
1 2 3 4 5	11 11 12 12 11	14 13 13 15 20	12 13 13 13 13		18 36 50 127 177	52 56 50 43 43	1		4 5 5 4 4	4		15 18 13 14 14
6 8 9 10	11 11 11 11	19 11 18 13 7	5		204 180 182 177 234	30 23 18 19 21			4 5 7 6		4 6 11 7	13 13 14 15 15
11 12 13 14 15	11 11 8 8 8	6 11 13 13 13		15	236 191 205 218 254	19 20 17 17 22		12 12 12 12 12	6 6 6 6		10 10 10 11 11	16 15 16 15 12
16 17 18 19 20	11 11 8 11 13	12 13 13 13 13		15 17 19 17 13	250 240 262 329 376	29 362 218 137 66		13 11 9 9	6 6 5 6 6		14 14 14 14	13 16 16 16 17
21 22 23 24 25	14 14 13 13	13 14 13 13 13		16 16 17 16 15	227 152 152 169 204	30 38 33 35 33		8 7 6 5 5	6 6 5 5 6		14 12 13 13 15	16 14 13 15
26 27 28 29 30 31	13 11 13 14 14 13	13 12 12		16 16 17 19 18	245 187 100 40 42 53	27 28 27 19 4		6 6 5 5	6 7 7 8		15 15 14 15 15	15 15 15 14 14 14

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TABLE IT GRANT CANAL Continued
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TABLE 17. GRANT CANAL Continued Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Mean		Maximum	Minimum	Mean
1922-				1927			
January	131	3.2	51	January	31	14	19
February	36	4	20	February	132	12 17	44
March	68	18	45	March	97		42
April	284	16	80	April	339	20	106
May	232	146	219	May	405	124	304
June	208	124	170	June	238	48	211
July	228	2	92	July	78	14 12	35 16
August	97	0	16	August	21	10	
September	47	0	11	September	19	10	15
December	25	0	13	October	21	0	9
The year.	284	0	60	December	21	U	9
1923				The year	405	0	67
January	72	14	32	1928			
February	115	71	100	January	20	13	16
March	67	0	15	February	23	10	15
April	345	12	153	March	190	12	39
May	384	67	224	April	72	9	26
June	272	35	120	May	214	8.8	143
July	192	0	54	June	157	15	56
August	32	11	18	2 013		16	19
September	3-9	13	19	August	19	15	16
October	17	0	8	September	16	0	7
December	14	0	11	November	16	0	9
				December	18	7	13
The year	384	0	63	The year	214	0	30
1924-							
January	18	7	11	1929—			
February	12	8	10	Jan sary	14	8	11
March	13	5	10	February	20	6	13
April	18	S	12	March	13	0 ,	2
May	62	9	21	April	19	0	9
June	13	3	S	May	376	18	178
July	13	4	8 7	June	362	4	51
July August	10	3	6	July .	2	0	0
September	9	4	6	August	13	0	G
October	7	3	5	September	8	4	6
November	99	3	16	October	4	-0	0
December	29	3	14	November.	15	0	10
The year	99	3	11	December	- IS	12	15
				The year	376	0	25
1925 — January	38	14	17	1930			
February	69	10	21	January	20	15	16
March	23	13	17	February_	- 65	0	7
April	105	1.8	46	March	71	0	15
Mar	373	99	220	April	89	15	28
MayJune	302	22 22	135	May	259	15	91
July	39	- 8	22	June	212	21	106
August	23	4	11	July .	22	14	18
September	17	0	6	August	_ 15	4	7
October	5	0	1	September	4	2	18 7 3
November .	18	0	12	October	3	2	3
December	24	7	13	November	19	3	11
		0	43	December	18	14	15
The year	373		40	The year	_ 259	0	26
1926 —							
January	18	15	16				
February	97	9	15				
Mareh. April	21	12	16				
April	374	12	167				
May	360	25	204				
June	99	0	31				
July		10	17				
August.	. 19	7	12				
September	8	3	6				
October	9	3	6				
November	253	0	34				
December	85	0	14				
December	374	0	45				

IN 11 1" CRAST CASAI COUNTY

1	117.		1301
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	3185	1724	2 6 9
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*		ND.	1 3

TABLE 18. THTE DITCH

Location of Intake At a point 700 to South and 200 for Linguist How the corning South Range 18 Fast, M. D. B. and M. This is a private ditch and irrigates land an Soction 14 and 15, Liwa Lip 17 South Range 18 Fact. M. D. B. and M. Gurrent meter gagings by wading Gage heights from daily readings on a staffigure.

Day	Jan.	Feb.	March	April	May	June	July	Ang.	bept.	Oct.	Nov.	Dec.
1921 —												
2 - 3 .						3						
5 5						14 3 3						
6 -						3 3						
6 - 7 - 9 - 10						3 4 3						
						3						
11 12 13 14 15					13	3 4						
					14	6						
16 17 18					14 14 14	13 2 1						
18 19 20					4 2							
21 22					2							
21 22 23 24 25					1							
26 27 - 28 29 30 31					14 13							
30					13 3 3							

The following observations were made:

Date	Gage reading in feet	Remarks
1922— May 8. May 15. May 29. June 5. June 12.	1 42 2 20	Small flow No flow No flow No flow No flow
June 18 June 26 July 3 July 10	2 05 2 29 2 29	No flow No flow No flow No flow No flow

TABLE 11 ISLAND CANAL

De Dire em n'se und-feet

list	(m. 64)	No.		-	Y	20	4-9	 1 4	S	1
1910			-	4	100.1					
7			4	4		111				
1				31	-					
4		44	-			20.0				
		30	1 -	45						
£.		4		1	e (
1					14.4					
14		- 12		No.						
100			4	9	31					
6		4	4	4						
ì		2		4	4					
		6.5	1	4	0.7					
1919				30.00						
6			4.6		4	7.7				
4				10.5	00 0					
٩			22		4					
100			84		9					
H			1	1 4	=4					
			110.0	4	111					
			1							
1					114					
=======================================		1	4	£	4					
		100		21	9.4					
-		. 11	81		31					
		1.51								

TABLE 19. ISLAND CANAL Continued

Daily Diversion in Second-feet

				- Dan								
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1920 1 2 3 4 5			\$9.4 56.5 21.8	17 1 14 0 14 0 13 4 13 7	55 7 42 6 21 3 12 5 10 6	90 8 73 6 69 8 80 6 91 1	6 3 5 4 4 9 4 3 2 6				30 0 27 6 27 6 25 4 25 4	
6 7 8 9			10 7 7 3 9 1 9 3 9 3	16 3 17 7 19 2 17 1 16 8	9 8 10 9 46 3 65 5 80 6	94 0 85 6 76 3 76 3 76 3			:		25 4 23 3 23 3 23 3 27 6	
11 . 12 . 13 . 14 . 15			9 3 9 3 9 3 9 3	27 0 21 0 18 0 16 8 16 3	52 9 24 1 18 9 23 4 22 8	76 3 76 3 76 3 78 0 79 5					27 6 27 4 27 4 27 4 27 4	
16. 17 18 19 20			9 2 9 2 9 2 9 2 9 2	29 9 54 2 63 6 42 4 19 5	41 1 117 6 122 9 120 0 144 1	75 5 74 8 52 4 52 1 83 6					32 4 32 4 38 3 38 3 27 4	
21			9 2 21 9 54 2 51 9 25 7	16 3 12 3 1 8 1 8 1 8	158 4 107 6 60 6 107 3 84 1	98 6 82 0 63 9 47 9 34 4				45 0 56 6 61 0 70 5 61 0		
26 27 28 29 30			19 5 60 2 56 0 51 7 32 0 21 9	1 8 1 8 1 8 2 6 10 5	109 0 93 3 68 6 60 6 20 5 78 3	23 7 15 4 8 9 8 9 7 9				45 0 38 2 41 4 32 5 32 5 30 0		
1921		61 28 22 22 22	40 40 40 70 79		141 163 149 146 130	82 74 65 60 57	49 20 13 11 7			61 61 61 61 61	12	
6 8 9		14 22 14	62 54 54 47 31		57	55 84 91 86 98	3 1	:::: :::::::::::::::::::::::::::::::		70 67 66 67 66		
14 15		28 28	0 109		24 135 147 122 111	91 92 88 93 102		-		67 70 54 40 38		
16 17 18 19 20		28 34 34 34 22	120		127 128 125 113 80	95 53 58 36 24				36 33 26 24 22		
21 22 23 24 25		40			52 85 89 79 79	26 80 104 110 111				19 14 14 15 13		
26		34		4 20 118 149	61 75 118 112 101 92	103 92 88 90 81			61	14 15 15 13 16 17		

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Daily Divers on in Se I et

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1923		-				6 4 6 4	0.00	-		4		
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å		2		-	4	147	4		-	6 6 6 6		
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-	6 6	1		Brych.	11	t t	11		NIII N			

TABLE 19, ISLAND CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept	Oet.	Nov	Dec.
							- Cury					
4		10 10 10 10 10	12 12 12 12 12 12	10 10 9 9	4 1 12 19 17			4 1				
8 9		10 10 10 10 10	12 12 12 12 12	8 9 11 10 7	11 11 9 6						· 	
12 13 14		10 10 10 10 10	12 4 0 4 4	7 8 18 19 11	13 8 3 2 10	-	-					:
18		14 14 14 14 14	0 0 9 7 6	10 9 7 5 6	12 6 17 13							
23		20 20 20 20 20 20	8 11 11 9 8	7 0 0 0 1								
28		20 20 20 20 0	10 10 9 10 10	0 0 3 3 4								
1925— 1 2 3 4 5						180 168 150 149 135	6 5 4 3				10 9 8	
6 7 8 9					186 211 197 160 158	58 24 21 0	3				8 6 3	
14					147 132 114 63 37	167 169 151 151 145				1 2 2		
16 17 18 19 20					22 21 88 27 105	126 128 123 120 118				2 7 6 8 7		
23					145 151 139 148 172	122 126 104 73 72				5 5 4 4		
26 27 28 29 30 31				1	172 184 198 212 213 196	55 26 11 9 8				4 5 6 7 13 14		

TABLE 1- 15LAS CASAL C - 1 - UKJ

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1976		***		THE PER CITY COME INC.	STATE STATE STATE STATE STATE STATE						
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and the second		100 to 10	4		mentic provide stand	Sand title Gas	- }		ē.	STATE STATE OF STA	

TABLE 19. ISI AND CANAL Continued
Daily Diversion in Second-feet

=						sion in :	-	-				
Day	Jan.	Feb.	March	April	May	Ju c	July	Aug.	Sept.	Oct.	Nov	Dec
1928— 1 2 3. 4 5					116 158 115 118 60	103 \$2 50 95 \$0						
6 7 8 9 10 _		92 13			89 116 116 128 122	54						
11 12 13 14 15					53 20 41 94 120							
16 . 17 . 18 . 19 . 20					136 151 113 74							
21 22 23 24 25			133		30							
26 27 28 29 30 31			131 105 97 41 6		109 112 133 141 120							
1929 - 1 2						7						
1 2 3 4 5					,							
§ 9.					13 0 0 82							
11 12 13 14 15					175 137 108 151 161							
16 17 18 19 20					156 161 163 170 151	93 131 35 11		4 ° 8				
21 22 23 24 25 .					134 125 100 104 148	7						
26 27 28 29 30 31	1				146 136 102 48 13 10				-			

L-1-1 11/11 (41 | 11/11 | 1-1-1

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4		4			
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TABLE 19. ISLAND CANAL Continued Summiry of Monthly Diversion in Second-feet

	2/14/mmm	Manamam	Mean		Maximum	Minimum	Mea
1918 March April May June July	26 4 124 5 115 3 111 5 28 9	0 0 4 1 15 7 16 6 0 0		March April May	20 12 19 19	0 0 0	13 9 7 6
The year	124 5	0 0	16 4	The year_	20	0	3
March - April May June - July	32 7 69 8 135 0 95 5 17 2	0 0 3 8 67 1 13 4 0 0	5 9 22 6 97 0 36 9 1 4	June July October	1 213 180 6 14 15	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 125 97 1 3
The year	135 0	0 0	13 8	The year	213	- 0	19
March April May June July October November	89 4 63 6 158 4 98 6 6 3 70 5 38 3	0 0 1 8 9 8 7 9 0 0 0 0	23 0 17 3 64 3 64 3 0 8 16 6 18 8	1926 February April May June November December	179 207 196 109 206 124	0 0 13 0 0	9 75 107 10 35 15
The year	158 4	0 0	17 1	The year	207	0	21
1921 — February March. April. May June July September October. November	61 0 120 0 149 0 163 0 111 0 49 0 61 0 70 0 12 0	0 0 0 0 0 0 0 0 24 0 0 0 0 0 13 0	17 0 24 0 10 0 92 0 78 0 3 0 2 0 39 0 0 4	1927 February March April May June July October November December	143 75 172 175 118 33 70 62 49	0 0 0 64 64 64 0 0	43 22 39 113 97 7 5 16
The year	163 0	0.0	22 3	The year	175	0	29
January February March April May	30 0 19 0 17 0 44 0 95 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 0 13 0 11 0 8 0	1928— February March May June	92 133 158 103	0 0 0	4 17 86 16
June July August	106 0 104 0	16 0 13 0 8 0	59 0 45 0	The year	158	0	10
October November	43 0 30 0 51 0 97 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 0 11 0 13 0 35 0	May June	175 131	0	87 9
December .	34 0	0 0	13 0	The year	175	0	8
The year	106 0	0 0	21 1	1930 - May June	172 177	0	22 43
January February March April May June July Angust September October	48 93 71 81 106 125 73 15 222 47	0 17 0 0 56 26 16 0 0	20 40 3 38 76 53 42 1 7	The year	177	0	5
The year	125	0	10				

TABLE 19 18LAND CANAL Continued Summan of Abouth Ducta on in Vice feet

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TABLE 20. JAMES MAIN CANAL

Location of Intake. At a point 1.150 feet North and 600 fee. 1 ast of the Southwast corner of Section 2. Township To South, Range 171 ast, M. D. B. and M. Delivers water to that portion of the James Irrigation District lying on the easterly side of Fre no Slough Gaging station consists of a footbridge. Equipped with a seven-day water stage recorder since the year 1923. Prior to that time gage heights are from daily readings on a staff gage.

Daily Diversion in Second-feet

				17411	13 171101	SION III	Second-	reet				
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1920 -						98.3						
2						96 3 78 7						
3						61 0						
4						71 2 81 4						
5						21.4						
6						91 6						
6						101 8						
8 9						112 0 112 0						
						112 0						
4.5						110.0						
						112 0 104 3						
						96 6						
14						89.0						
15						81.3						
16						73.7						
17						66 0				1		
18						61 9						
19 20					156 0	53.7						
					158 7	49.6						
22			******		161 4 164 2	45 5 41 4						
24					167 0	37 4						
25					167 0	37 4						
ne					167 0	37 4						
26			******		167 0	37 4						
40					167 0	37 4						
29					149 4	37 4						
30					131 7 114 0	37 4 37 4						
					111 0	0. 1						
1921-			1			no.						
1						72					- • •	
3						72						
4						72 72 72 72 72 47						
5						47						
6						30						
7						20						
8						27 38						
9						88						
11						88 88						
						122						
						122						
15					16	104						
16					30	104						
1/					104	72						
18					150	38						
19					47 30	16						
21					16	9						
22			,	-	6	3						
24					0	0						
					2	58						
26					9	47				-		
27					18	24						
23					30	9						
29 30					104 88	0						
31					104							

TALLE : IASHS MAIS CASAL Continued Dail Diversion in Sec. ad-feet

10/10	, 15	Mile II	ad 10.00	Asser		l g	Noti	(v)	1	Dec
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			6 6	64						
5092			~ t	- 6 6 - 6						
1927			6.6	6 6 6 6						
			11 10 10 10 10 10 10 10 10 10 10 10 10 1	700						
V.				26892						
Appelled to the				21(4)						
garden (constitution										

TABLE 20. JAMES MAIN CANAL Continued Daily Diversion in Second-feet

				Dati	IN DIVER	sion in	Second	-reet				
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1925								-				
1						83						
2						63 62						
4						38						
5						6						
6												
ş												
9					22							
10					32							
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26 27					36							
28					98							
28 29 30					107 104							
31	~				103							
1926-												
1					121							
3					93 71							
4					60							
ð					104							
6.					141							
7 8					147 88							
9					88 37				1	,		
10	=				13							
12												
13												
14 15												
16 17												
10					103							
19 20					126 116							
					128							
21					133							
23					122 94			- + -				
24 25					94 96							
26					68							
26 27				62	28							
28 29				126 112	6							
30				137								
31												

IN . A 1 MAN ANN C I and

						-90	An.	
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TABLE 20. JAMIES MAIN CANAL Continued Summary of Monthly Diversion in Acre-feet

1930	повля лів оХ		
1929	noistavib o Z		
8261	noistavib o.Z.		
1627	958 101 10.72 10.23 10.231 356		22,946
1926	3,752		4,617
1925	9994 499		1,493
1924	ноімэчів оХ		
1923	3,410 6,829 2,342		12,581
1922	4,202 4,087 1,000		9,289
1921	1,583 2,936		4,519
1920	3,703		7,886
1919	b10591 o.Z.		
8161	b10991 o.Z.		
		her " lver ber	Totals
	January February March April May - June July August	September . October November December	To

AT APASAI

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1918		2.55		
		8.1		
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4		31/2		
- Total				
55		23 25		
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		4 4 4 0		
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2 1		411		
5 1				
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TABLE 21. JAP CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	Upri	May	J) ne	July	Aug.	Sept.	Oct.	Nov	Dec
1920						10 9						
3 4 5						9 S S S 9 4 10 0						
6 7 9 10						10 7 11 4 12 1 12 3 12 5						
11 12 - 13 14 15						12 7 12 9 13 2 13 4 13 7						
16 17 18 19 20					16 0	14 0 14 3 14 3 14 3 14 3						
21 22 23 24 25.					16 0 16 0 16 0 16 0 16 0	14 3 14 3						
26 27 28 29					16 0 16 0 16 1 14 7 13 4 12 0							

JABLE 31 JAP CANA Continued Surmany of Monthly Discussion in Acre-feet

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TABLE 22. LAGUNA IRRIGATION DISTRICT CANALS

Combined Diversition in Sociend feet by the Grint A still in E Can in

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov	Dec.
1918— 1 2 3 4 5		3 7 3 7 3 6 3 6 3 6	3 5 3 5 3 5 3 5 3 5	135 % 130 4 117 1 105 0 117 6	188 0 171 9 207 6 187 6 299 2	95 7 191 9 269 0 295 7 300 \$	54 4 39 9 43 3 91 9 65 7	14 9 17 5 16 6 18 2 15 0	15 7 14 5 14 5 13 3 13 5			
6 7 8 9		3 6 3 6 3 6 3 6 3 6	37 6 54 3 60 0 75 6 52 1	121 1 128 9 157 5 176 6 180 9	361 5 344 4 329 7 321 5 264 8	300 9 302 9 312 3 318 5 315 3	50 9 38 8 29 6 35 1 22 9	14 5 14 2 13 8 13 5 13 3	13 7 13 8 14 0 14 0 14 0			
11 1 12 13 14 15		3 6 3 6 3 6 3 6 3 6	53 0 54 6 51 3 70 1 100 8	184 9 180 9 173 8 169 4 129 3	221 9 160 8 157 8 205 9 290 8	303 9 292 6 291 2 288 5 289 7	18 3 15 2 12 6 10 7 9 2	14 0 13 7 13 0 13 3 15 5	14 2 14 2 15 0 14 7 14 5			
16 17. 18 19. 20	3 S 3 7 3 7 3 7	3 6 3 6 3 6 3 5 3 5	94 6 84 0 72 5 52 5 40 1	101 0 88 4 87 8 121 2 113.7	312 8 262 7 247 8 262 0 264 6	278 6 267 6 288 9 305 9 306 5	8 8 8 8 13 1 13.1 19 8	17 3 17 2 16 9 14 7 14 4	14 5 15.0 15 2 14 7 14 5			
21 22 23 24 25	3 7 3 7 3 7 3 7 3 7	3 5 3 5 3 5 3 5 3 5	55 0 70 4 75 1 67 9 67 9	115 1 146 4 171 1 217 2 250 2	280 9 309 4 308.7 316.4 296 2	314 4 294 1 275 S 257 S 248 2	21 0 19 7 17 5 16 3 15 9	13 3 14 5 14.5 13.7 13 7	14 3 14 2 14 7 22 7 24 2			
26 27 28 29 30	3 7 3 7	3 5 3 5 3 5	71 7 71 3 87 1 74 7 83 7 100 9	289 2 251 9 219 5 199 4 198 2	277 6 256 2 217 3 155 S 106.7 S2 4	211 0 170.8 131 4 108 6 82 6	15 2 14 7 15 9 15 2 16 0 14 9	12.6 11.8 11.8 12.8 13.7 14.5	14 2 13 5 4 9			
1919—			114 9 110 8 111 8 153 4 147 5	202 8 196 8 217 0 230 3 228 3	316.9 426.3 490.7 519.9 527.6	260 5 269 5 278 2 298 9 308 4	42 3 40 0 32 7 25 3 25 4	11 3 10 9 10 7 10 5 10 3	9 6 9 6 9 4 9 4 9 3	<u>.</u>		 =====
8 9			132 9 125 9 137 3 124 4 118 7	237 3 184 6 117 2 100 6 96 5	521 7 519 0 479 5 450 5 445 9	299 S 279 7 243 2 170 9 136 1	24 1 19 6 16 3 15 5 15 5	10 3 10 5 10 3 10 3 10 3	9 2 9 2 9 2 9 4 9 2			
11 12 13 14 15		22 0 89 2 117 6 117 7 115.7	111.9 106.8 107.7 136.0 87.2	97 0 100 7 98 1 84 0 74 9	403 <u>8</u> 411 <u>8</u> 442 3 447 9 437 9	120 7 87 2 76 3 62 5 56 7	15 0 13 2 13 5 12 9 12 5	10 3 10 3 11 1 11 1 11 1	9 4 9 0 8 5 7 7 7 3			
16 17 18 19 20.		107 3 98 0 84 0 96 3 91 5	143 3 142 9 137 8 138 9 144 0	64 4 55 9 56 1 64 9 85 0	423 1 419 0 390 6 347 1 304 I	56 2 56 9 55 3 52 3 53 3	12 2 12 2 12 3 12 6 12 8	10 7 10 5 10 5 10 3 10 0	9 0 7 7 7 2 7 5 7 5			
21 22 23 24 25		83.1 84.0 89.9 95.7 92.4	144 7 160.6 150 S 129 4 119 8	100 8 129 7 158.1 150 0 176 6	296 9 277 6 263 6 254 9 256 1	52 0 48 4 47 0 47 2 48 1	12 S 12 6 12 7 13 0 13 2	9 4 9 0 8 7 8 7 9 7	7 5 5 7 5 5 7 5 5			
26 27 28 29 30.		86 S 92 2 84 7	113.9 118.9 133.4 162.8 171.3 191.0	152 4 117 4 96 0 93 9 141 8	254 8 254 7 263 6 261 6 257 4 248 4	48 6 46 8 43 1 42 2 43 0	13 5 13 3 12 6 12 2 11 5 11 3	\$ 0 8 8 9 6 9 7 10 1 9 9	75575			

TA 11-22 LAWNA 1 RI ATLIN DISTRICT CANALS. Contried

Do like a nic No and-feet

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TABLE 22. EAGUNA IRRIGATION DISTRICT CANALS Continued

Daily Diversion in Second-feet

Daily Diversion in Second-feet												
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov	Dec.
1922 — 1 2 3 4 5	135 101 75 76 79	48 37 27 37 44	39 38 47 56 54	\$1 84 90 114 125	333 392 418 413 436	214 203 180 183 163	255 298 300 312 340	10 30 23 13	77 53 47 42 39	20 43 43 51 36		42 41 41 43 48
6 7 8 9	78 77 66 57 54	47 52 52 52 52 53	52 57 59 58 65	102 87 78 77 76	428 392 391 372 346	161 161 155 194 214	339 336 291 262 242		31 28 19 20 18	36 30 36 31 30		47 54 56 34 28
11 12 13 14 15	52 50 48 46 44	20 26 27 24 26	73 86 73 57 55	35 22 24 30 31	308 261 257 310 320	230 255 263 260 248	215 171 152 116 114	0 4 12	18 16 15 13	20 10	97 97 75	37 32 17 4 16
16 17 18 19 20	42 36 34 40 38	32 26 34 42 36	61 66 40 37 46	23 23 22 20 21	328 299 286 304 266	275 270 249 246 259	66 74 62 42 60	5 6 9 7 5	0 10 13 16		75 66 66 66 66	5 5 11 17 23
21 22 23 24 25	38 75 76 78 69	23 33 43 44 45	52 63 71 78 81	27 28 28 60 154	231 233 247 242 247	279 285 300 295 223	92 68 46 36 30	2 5 12 13 15	16 16 16 16 16		56 48 48 48 48	25 21 20 20 19
26 27 28 29 30 31	65 61 59 61 65 69	45 44 42 -	63 63 59 61 72 72	200 226 298 341 375	236 216 195 180 187 210	268 289 303 305 262	31 30 26 24 20 13	38 85 77 81 122 141	16 16 13 13 20		48 41 41 41 34	18 18 17 17 17 17
1923— 1 2 3 4	16 17 15 20 26	118 110 100 104 106	141 96 55 55 54	19 15 19 17	135 151 209 243 251	143 126 123 132 107	230 258 283 249 232	31 23 22 23 21	17 17 24 24 23	31 28 26 18 12		3
6 7 8 9	27 30 30 31 30	127 132 134 130 127	35 14 5 2 2	57 208 287 232 216	355 392 429 467 492	147 157 152 208 343	195 146 139 103 87	19 17 17 26 38	22 21 21 21 21 20	10 11 16 46 57		12 12 12 13 13
11 12 13 14 15	29 29 29 29 29 69	116 125 132 125 136	2	433 431 386 354 338	431 360 363 434 432	377 396 393 308 257	109 91 63 53 61	20 16 18 34 32	20 19 16 15 23	58 59 62 61 58		12 10 11 11 11 12
16 17 18 19 20	68 76 69 71 63	148 148 163 155 156	2	331 311 322 321 301	408 413 400 356 313	232 170 121 108 115	75 79 91 86 65	11 21 21 24 29	31 29 29 25 25	32 21 25 27 17		13 13 11 11 11
21	62 56 69 72 67	153 152 150 186 182	8 9 4	277 251 212 174 132	265 242 248 369 499	122 94 80 71 74	54 38 38 36 30	28 26 26 26 27	33 35 33 33 33	13 10 9 7		11 12 11 11 11 10
26 27 28 29 30 31	68 74 95 114 109 104	202 200 178	6 22 20 25 24 9	91 65 47 89 140	326 206 186 239 236 186	108 173 179 198 214	23 35 51 47 38 35	23 19 18 17 16 18	33 37 52 38 32			11 13 13 13 14 14

TABLE 22 LAGUNA BRRIGATION DISTRICT CANALS. Contrard

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TABLE 22. LAGUNA IRRIGATION DISTRICT CANALS Continued
Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1926 - 1 2 3 4 5	18 18 19 19	17 18 15 17 18	21 19 19 17 13	18 18 13 12 18	444 404 435 525 516	174 228 178 126 44	25 25 25 10 17	19 18 17 17 17	7777	4 4 5 5 7	8 16 23 20 21	209 140 82 70 52
6 7 8 9	18 18 18 18 17	18 18 17 17 17	13 13 13 17 19	122 113 60 350 232	578 460 288 169 94	44 47 44 56 106	21 17 18 18 18	17 17 17 18 18	7 6 6 6 6	8 7 7 7	20 27 27 27 27 19	31
11 12 13 14 15	17 17 16 16 15	17 13 9 27 276	16 13 12 12 12	71 41 25 65 170	71 93 152 202 308	55 31 29 94 29	18 18 16 15	18 17 17 15 15	78777	7 7 6 4 4	19 19	9 17
16 17 18 19 20.	16 17 17 17 17	60 24 21 20 20	18 18 17 17 17	322 460 457 403 238	509 522 505 501 541	18 15 12 7 21	17 17 17 17 17 22	15 9 9 8 8	7 7 6	4 4 4		17 16 16 15 15
21 22 23 24 25	17 17 16 15 15	19 21 16 15 13	15 17 18 15 14	117 214 418 495 586	520 458 404 426 282	20 15 22 22 22	20 18 18 18 18	8 9 8 9	5 5 4 4	4 4 4 5 7	9 216	14 17 17 17 17
26 27 28 29 30 31	15 15 15 16 17 20	18 20 20	17 17 15 13 17	600 561 512 484 463	167 109 58 82 107 122	26 26 25 25 25 25	18 19 20 22 22 20	77777	4 4 5 5	8 8 8 9 9	319 229 424 401 281	15 17 17 18 20 21
1927— 1 2 3 4 5	20 19 19 19 19	16 16 16 60 132	146 126 137 107 90	30 55 215 324 261	552 534 537 573 575	321 315 287 309 332	85 116 121 110 81	13 12 12 19 21	16 15 15 16	10 10 9 5	58 62 50 24 20	15 24 49
6 7 8 9	20 22 23 21 18	32 20 17 13	72 64 70 81 137	192 130 81 62 62	587 569 466 326 248	329 332 346 351 359	59 56 54 53 48	21 20 15 16 16	15 15 15 18 18	2 2 2 2 2	5	44 24 25 32 42
11 12 13 14 15	20 27 26 18 16	12 16 17 20 85	120 76 61 60 53	53 46 43 46 39	236 341 449 508 495	358 362 363 358 335	57 49 48 42 41	16 16 16 16 16	16 15 15 15 14	2 2 2 2 2 2		28 36 32 21 16
16 17 18 19 20	23 20 16 14 19	221 202 161 210 179	65 46 38 38 38	43 51 31 21 20	488 523 515 523 491	344 325 330 313 293	35 34 37 31 24	16 16 16 16 16	2 d 2 d 2 d 4 d	2 2	18 23 23	15 15 15 15 14
21 22 23 24 25	27 31 22 14 15	113 124 133 100 142	20 26 30 37 38	21 23 29 53 215	461 409 341 300 362	320 327 311 279 306	24 22 26 23 22	17 16 15 14 14	15 15 14 14 14		20 19 16 15 15	15 15 14 15 14
26 27 28 29 30 31	16 16 16 16 16 17	144 117 120	37 41 40 35 37 34	361 456 487 492 538	365 378 349 327 339 336	332 377 299 235 143	19 18 20 17 15 14	16 16 16 16 16 16	14 14 14 13 10	24 70 66	24 23 20 15 23	14 14 14 15 15 15

TALL 22 TALACSA IR TUATION DISTRICT CANALS C. 1. sed.

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TABLE 22. LAGUNA IRRIGATION DISTRICT CANALS Continued Daily Diversion in Second-feet

May Day Jan. Feb. March Apri Jine July Aug. Sept. Oct. Nov. Dec. 1930-37 35 1 ... $^{18}_{16}$ 14 15 17 16 15 Q 17 17 17 16 tì 5 ... 7. 8. 9. 14 2×6 321 17 12 ... 372 389 350 14 15 1. 1 14... 15 14 17.... 18 19 17 16 252 191 18 10 11 15 15 15 17 7 6 17 20... 21... 22... 23... 24... 25.... 214 227 232 237 17 20 18 18 16 17 65 51 15 15 17 17 17 15 28 38 358 424 429 399 20 16 26. 27. 28. 29. 30. 16 47 27 16 21 22 22 22 22 15 15 15 15 15 16 17

TABLE 22. LAGUNA IRRIGATION DISTRICT CANALS - Continued Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Mean		Maximum	Minimum	Meau
January February March. April. May. June. July. August. September	259 2 361 5 315 5 91 9 15 2	0 3 5 3 5 57 8 82 6 82 6 11 8	1 5 3 5 57 9 159 3 247 4 257 0 25 3 14 4 13 7	1920 - February March April May June July August October - November	78 6 259 9 294 9 585 9 400 5 130 7 10 5 70 5 38 3	0 25 4 22 7 137 7 53 1 0 8 3 0	40 2 94 4 67 2 377 3 314 4 34 8 5 5 10 6 18 8
The year.	361 5	0	65 1	The year.	535 9	0	81 0
February March April May June July August September The year	191 0 237 3 527 6 308 4 42 3 11 3 9 6	0 87 2 55 9 248 4 42 2 11 3 5 0 7 2	58 S 133 2 130 3 374 6 123 1 16 9 9 9 8 2	January January February March April May June July August September October November December The year	255 311 326 487 613 403 155 11 61 70 12 186	5 40 22 18 102 118 10 1 1 0 13 0 0	99 124 142 77 329 279 32 3 6 39 0 39

TABLE 2 LAUSA RULATION DISTRICT CANALS COLORD

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1924				10.000		- 31	4.)
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1925		4	4				

TABLE 22. LAGUNA IRRIGATION DISTRICT CANALS Continued

			Summ	Summary of Monthly Diversion in Acre-feet	nthly Di	version in	Acre-feet						
	1918	1918	1920	1921	1822	1923	1924	1925	1926	1927	1928	1929	1930
	0110		2,367	6,102	3,849	3,205	673	1,0%	1,036	1,196	706	707	978
Mareh April	3,556	8,178	5,795	8,702	3,671	12,054	1,280	1,093	970 970 15,163	3,950	3,547	650 650 836	1,455
May. June. E.f.	15,189	22,998 7,310	23,162	20,396	38,382	10,693	1,760	14,333	3,140	26,736	14,795	3,590	486,8
August	1,00,1	1,039	341	\$,968 214	1,430	6,1%5	525 353	670	1,146	2,774	1,137	653	1,100
September October November	ec	401	1,018	20 P C	1,271	1,586	388	267	358	873	406	343	162
December		:	1,113	2,402	1,000	. 053	1,293	898	4,207	1,287	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	57% 508	985
Totals	47,042	51,637	58,552	70,426	64,002	66,128	10,810	46,932	50,430	71.804	30,244	25,523	24,445

TALL . LATELANDS ANAL

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TABLE 23. LAKE LANDS CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Drc.
1000				-								
1920						432						
1 2 3.						440 421						
4 .						422						
5						424						
6						413 424						
8 9			***			424 418						
10						418						
11						419						
12 13						406 405						
14						172						
15 .			*******									
16 17			,		107							
18					346 400							
20					470							
21					509							
21 22 23					470 375 317							
24	1	,	,		317							
25	1				345							
26 27 28		1			403 354							
28					327 389							
29 30					427							
31					420							
1921					395	64						
1		-			344	65						
4					32 26 25	64 62 67						
5					25	67						
6					23	282 364						
7 8					21	464						
9 10					23 22 21 20 19	467 339						
11					19	496						
12					17	503						
13 14 15					99 284	440 291						
15					336	246						
16					373 286	250						
17 18					115	113						
19 20					17	4 2						
					12	1						
21 22 23 .					14	i						
24					14 15							
25					14							
26					14							
28				52	15 126						1	
29 30				111 179	245 151							
31				119	65							
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TAILLY LAKELANDS CASAL C struck

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			11031						

TABLE 23. LAKE LANDS CANAL Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oet.	Nov.	Dec.
1925 -												
1												
3 4 5												
6										-		
9												
11												•
12												
14 15												
16												
18												
19 20	****											
21												
23												
25												
26 27					144 302							
28 29 30					285 298 278							
31					180							
1926—						62						
1 2 3		***				62 62						
3 4 5					131	58 60						
6					207	65						
8					74 51 50	64 60						
9					50							
11					50 49							
15					50 52							
					52							
					55 58							
19	-				129 294 319							
21					322							
22					319 336							
24 25					242 72							
26					64						92	
27 28 29					58 60						139 83 64	
30					60 57						01	
31					61							

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70.00			Par Second	-		N Bitt

TABLE 23. LAKE LANDS CANAL Continued Summary of Monthly Diversion in Acre-feet

	1930		noidath o		
	1929		not davib ox		
	1928		noistovib ož	ς	
	1927	©1 171 170 170 170 170	5,493		20,073
	1926		0.5% 0.00 0.00 0.00 0.00 0.00 0.00 0.00	740	8,303
	1925		2,044		2,944
Acre-reet	1924		noistavib o7		Г
ersion in	1923		2,687		13,446
cuminary of Monthly Diversion in Acre-feet	1922		14,884		32,922
at y Of 1940	1951	Pr ts	97.279		16,044
	1920		11,205		22,368
	1910	2,103 1,208	25.05 25.05		8,613
	1918		1562 143	1,008	6,895
		January February Murch . April	May . June . July . August	September October November December	Totals

TABLE 24 LAST CHAS I CASAL

Daly Divers in Sec 3d-feet

				L Parilly	Paren	- 0 >	ci nd-fr	14.0				
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1919												
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TABLE 24. LAST CHANCE CANAL Continued Daily Diversion in Second-feet

				17611	у ілуег	sion in a	second-	teet		_		
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oet.	Nov.	Dec.
1920 — 1 2 3 4 5	30 5 30 5 30 5 35 5 30 5	0 0 0 0 0 0 0 0 0 0	96 5 133 0 209 0 192 0 148 0	113 0 121 0 138 0 138 0 139 0	242 0 245 0 255 0 258 0 270 0	317 0 316 0 261 0 220 0 226 0	118 5 118 5 124 6 134 0 137 1	61 3 32 5	22 4 16 7 33 1 33 3 45 7	45 6 41 5 30 1 11 5		
6 7 8 9	15 2 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	110 0 90 0 95 0 102 0 106 0	202 0 208 0 211 0 216 0 219 0	268 0 264 0 282 0 298 0 301 0	230 0 244 0 206 0 204 0 217 0	137 7 143 5 147 4 144 8 150 7		41 6 44 7 49 4 62 4 66 6			1 4 59 2 67 0 66 3
11 12 13 14 15	0 0 0 0 0 0 0 0 0 0	20 5 48 0 44 0 40 5 44 5	165 0 132 0 124 0 124 0 130 0	228 0 224 0 242 0 189 0 184 0	297 0 309 0 296 0 281 0 307 0	216 0 201 0 184 0 199 0 194 0	190 6 193 0 170 5 124 5 73 2		67 0 66 2 42 0 38 1 30 8			67 7 73 3 76 1 74 0 78 9
16 17 18 19 20	0 0 0 0 0 0 0 0 0 0	36 5 25 5 25 5 25 5 25 5 25 5	131 0 134 0 146 0 134 0 130 0	209 0 208 0 184 0 202 0 178 0	316 0 315 0 315 0 316 0 305 0	215 0 228 0 235 0 227 0 197 0	31 2 34 5 37 3 47 0 56 1	26 0 43 0 33 0	26 0 26 2 26 1 26 2 34 7			83 3 82 5 82 5 82 5 82 5 82 5
21 22 23 24 25	0 0 0 0 0 0 0 0 0 0	27 0 41 0 50 0 39 5 50 5	147 0 209 0 248 0 211 0 251 0	137 0 120 0 138 0 145 0 160 0	308 0 299 0 301 0 295 0 302 0	205 0 201 0 200 0 201 0 197 0	54 2 53 7 41 3 61 3 63 3	25 1 24 9 22 9 17 0 13 3	40 0 41 1 40 6 38 6 40 0			98 2 93 7 104 2 107 2 107 2
26 27 28 29 30 - 31	0 0 0 0 0 0 0 0 0 0	56 5 57 0 60 0 62 5	238 0 249 0 246 0 250 0 255 0 232 0	143 0 120 0 133 0 172 0 213 0	294 0 281 0 282 0 275 0 256 0 238 0	180 0 168 0 161 0 115 0 118 0	64 3 62 8 60 3 60 3 59 8	10 5 46 8 61 2 49 2 45 8 35 5	45 6 51 9 53 1 50 2 47 9			114 1 112 5 110 3 109 8 111 0 112 5
1921— 12 3 45	100 100 106 127 128	85 93 95 95 94	134 148 149 149 177	132 132 152 180 185	364 373 336 261 240	99 95 98 95 104	138 188 215 209 154	28 11 0				
6 7 8 9 10	128 125 116 112 100	97 100 96 93 92	201 200 192 189 196	185 212 226 263 244	205 167 138 116 144	136 170 201 189 185	208 241 128 134 120					
11 12 13 14 15	88 76 77 76 76	92 100 105 110 104	193 198 201 214 188	203 190 188 202 191	102 119 120 156 168	180 177 173 168 197	131 167 170 148 126	.:-				
16 17 18 19 20	66 54 57 139 165	102 119 117 116 117	206 209 214 218 206	188 205 210 214 231	188 188 179 185 180	208 189 111 107 117	131 138 136 129 135					
21 22 23 24 25	149 154 160 156 156	115 119 123 118 118	207 194 195 200 139	219 171 219 263 195	179 180 170 167 110	160 191 199 185 175	148 136 147 148 131			= :		19 30 38 38 30
26 27 28 29 30 31	160 160 162 156 159 113	121 121 123		89 102 151 221 326	105 105 110 104 149 155	173 172 172 166 155	124 116 98 52 30 29					33 39 61 89 90 85

TABLE 24 LASE CHAN E CANAL Continued

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	18	i	=_i			H	4		6.6		
			1114	000	H	Æ			4		

TABLE 24. LAST CHANCE CANAL Continued
Daily Diversion in Second-feet

				_								
Day	Jan.	Feb.	March	April	Мау	June	July	Aug.	Sept.	Oct.	Nov	Dec.
1924				67 60 69 75	61 112 138 149 153	56 54 53 55 54						
8			- * * * * * * - *	75 77 87 93 94	185 172 186 213 238	52 50 51 54 53		** ** ** ** ** ** ** ** ** ** ** ** **			- 14	- 93
12 13 14 15				95 99 128 139 159	209 148 154 177 167	43 29 25 8					234 142 40	62 41 41 41 46
18 19 20				164 45 47 40 39	152 170 182 161 134							54 57 57 51 20
23 24 25				96 124 149 141	114 119 113 81							22 43 89 75
27 28			39 63 83 78	53 46 47 49	98 80 57 50 44							59 52 45 50 67
1925— 1 2 3 4 5	154 115 87 85 78	78 76 70 90	83 85 90 91 92	197 197 153 175 252	165 176 207 227 256	312 288 181 210 200	167 167 168 152 145	47 48 19				45 96
6 8 9 10	\$1 \$5 90 87 80	76 166 187 198 236	94 97 102 96 81	252 197 182 190 200	249 283 355 375 327	187 156 160 168 191	144 152 157 159 157					92 80 78 77 56
15	77 52 23	208 192 112 186 150	74 59 47 39 42	214 227 258 254 251	220 212 215 203 207	214 256 303 274 302	152 152 149 124 56					27
19		41 30	50 53 53 53 53	254 254 234 224 198	211 208 219 237 226	251 239 243 243 247	78 97 116 112 159					
23 24 25		109	53 53 52 78 94	188 178 169 154 149	225 222 224 240 259	270 250 237 243 242	144 131 117 75 32					
26 27 28 29 30 31	36 49 53 72	86 75 78	\$2 111 140 169 196 211	144 154 157 160 164	276 284 283 303 343 344	229 224 219 163 164	46 60 61 60 54 47					

TALLE 24 LAST CHAN E CANAL Continued

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1924 -		4	69	4	i 	SHEET STATES						* * * * * * * * * * * * * * * * * * * *
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TABLE 24. LAST CHANCE CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1928 - 1 2 3. 4 5	134 105 84 85 88	87 73 37 21	41 44 47 45 42	167 169 167 170 168	194 228 208 265 222	316 260 220 222 210	25 34 28 4 3					
6 7 8 9	82 76 73 72 65	16 49 104 64	48 54 51 51 51	161 156 157 160 199	224 229 223 245 222	205 216 235 228 195	16 48 51 40 33					
11 12 13 14 15	60 61 63 64 64	46 50 54 66 62	53 60 64 68 68	190 184 193 177 168	182 198 222 249 247	188 168 134 131 102	32 48 43 36 36					
16 17 18 19 20	64 64 64 64 64	53 51 49 49 49	66 68 68 66 66	144 157 152 123 136	250 221 150 134 147	104 124 87 127 124	33 33 31 29 28			:	7	
21 22 23 24 25	64 64 65 65 65	49 61 83 90 90	66 66 66 67 125	138 130 137 163 162	175 208 177 172 223	91 82 78 70 102	27 27 27 27 27 27			-		
26 27 28 29 30 31	66 66 65 65 64 64	90 90 90 90 69	181 255 250 202 167 168	164 173 184 200 222	257 242 253 247 248 234	68 78 58 34 18						
1929— 1 2 3 4 5		24	2	46 50 59 61 62	162 168 176 206 241	155 153 132 160 193	144 140 195 189 175					
6 7 8 9 10		52 47 48 53 26	29 42 42 50 44	84 94 72 49 40	246 241 237 235 247	165 165 177 165 157	105 80 39 24 18					
11 12 13 14 15		18 13 9 3	77 177 114 86 55	40 67 52 57 57	226 210 223 241 301	165 171 122 157 157	11 49 41 41 18			-		
16 17 18 19 20.			44 44 44 50 50	56 99 130 140 107	293 260 299 317 319	159 368 261 216 210	19 18 21 22 22				-	
21 22 23 24 25			48 46 52 123 118	130 124 111 98 88	266 242 245 245 248	184 198 197 167 175	17 13 12 11 10					
26 27 28 29 30			53 40 46 43 46 45	83 84 83 100 149	291 244 193 114 109 132	189 196 176 139 149	10 10 10 5					

THE 24 LA FERNAL CANAL C & S

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-	71-		API	100	No.	-	No	Section	74	1
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TABLE 24. LAST CHANCE CANAL Continued Summary of Monthly Diversion in Second-feet

				aversion in second-r			
	Maximum	Miniman	Mean		Maximum	Minimum	Mean
1918 — February March. April. May June. July. November. December	57 0 74 2 264 0 342 5 264 5 169 2 73 8 68 5	0 0 53 5 67 5 167 0 164 5 0 0 0 0 31 5	7 9 7 147 4 245 1 226 0 64 7 37 7 56 5	1924 March April May June November December The year	83 164 238 56 234 92	0 39 44 0 0 0	9 85 136 21 14 36
The year 1919 January February March April May June July August December	95.9 201.7 218.0 205.2 250.1	72 8 96 6 141 2 99 8 179 3 0 0 17 0 0 0	70.7 85 1 157 3 189 4 152 3 215 5 26 8 31 9 1 7 27 4	January February Narch. April May June July. August December.	154 236 211 258 376 312 168 48 96	0 30 39 144 165 156 32 0	41 114 86 199 251 229 116 4 18
The year	250 1	0 0	73 5	1926 February	202	0	60
January February March April June Jule	35 5 62 5 255 0 242 0 316 0	0 0 0 0 90 0 113 0 238 0	5 6 26 9 166 7 174 5 286 2	March April . May Inne	100 319 336 232 232 228	27 42 168 0 0 56	62 230 266 115 30 109
JuneJulyAugustSeptemberOctober.	317 0 193 0 61 2 67 0 45 6 114 1	0.0	209 4 95 3 17 7 41 7 4 2 69 5	The year 1927 - January February	336 142 400	0 61 46	73 73 193 190
The year	317 0 162 0 123 0 218 0 263 0	54 0 85 0 29 0 89 0	91 7 119 0 106 0 165 0 196 0		236 344 379 290 234 72 206	142 140 138 160 103 0 3 79	224 280 240 175 2 141
r enruary. March. April May. June July. August. December	373 0 208 0 215 0 28 0 90 0	102 0	176 0 158 0 139 0 1 0 18 0	The year 1928 January February	400 134 104	60	135 72 58
The year	373 0	0 0	89 7	March April May	255 222 253	41 123 134	88 166 216
January February March April May June July August	116 0 114.0 117 0 270 0 294 0 216 0 226 0 149 0	24 0 52 0 68 0 74 0 128 0 120 0 76 0 0 0	53 0 77 0 93 0 124 0 231 0 175 0 163 0 28 0	June July The year. 1929 February March	316 51 316 53 177	0 0 0	143 25 62 10 52
The year	294 0	0 0	78 7	March	149 319 368	40 109 122	82 232 179
1923 — January February March April May		0 55 58 116 197	50 73 84 197 246	The year 1930 February	368 156	0	50
rebruary March April May June July August October November	256 209 42 101 47	169 56 0 0	216 141 3 47 3	March April May June July	168	40 57 103 85 0	63 125 185 179 29
The year.	308	0	98	The year	322	0	50

TABLE 24 TASE CHASCE CANAL Continued Summary of Monthly Disers in to Acre-feet

100	101			m etc. million
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	113		1	42,000
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TABLE 25 LEMOORE CANAL

Location of Intake At a point 300 to No. In 11 1700. That it it Southwatern race in 29, Township 17 South, Range 21 I st. M. D. B. and N. Delivers water to the stockholders of the Lemocre Canal in Hernautia Company, and to the John Heinlen Co.

Gaging station consists of a footbridge of the nerection do in 1. The Equipped with a seven-day water stage representation work will

Note.—Commencing with the year 1922 water to which the Jahn Handard as contribution the River Water Master Schedules were diverted through the Lamburg Canada in concluded in the diversion records for that canada.

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	Annil								
	234.	reu.	- starch	April —	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec,
1918— 1 2 3 4		72 1 71 6 69 8 71 6 73 4	178 3 158 7 153 3 164 2 177 8	125 4 124 2 122 1 128 2 125 8	230 2 205 8 294 3 310 0 418 5	150 3 302 8 416 6 428 5 415 7	152 5 128 6 131 4 251 0 251 5	75 8 94 2 94 9 105 4 96 6	99 4 111 8 100 7 84 4 83 6	256 4 390 4 385 0 391 4 379 4	47 2 46 0 45 6 56 2 90 6	\$7 \$ 87 5 25 5 0 0 0 0
8		75 6 86 3 86 6 78 6 86 6	163 4 140 7 139 8 133 0 120 6	128 3 160 7 169 3 172 2 170 7	468 5 473 6 468 6 491 0 473 6	408 8 402 3 389 2 368 5 387 3	216 0 187 0 175 3 218 4 157 2	91 3 89 2 81 7 80 2 77 1	85 6 95 6 90 2 84 7 90 2	351 2 350 0 332 1 315 3 163 5	119 0 120 0 123 5 101 7 88 7	0 0 0 0 0 0 0 0
13		254 U	102 5 98 0 107 0 107 5 103 5	184 4 212 2 213 5 218 0 195 3	416 2 400 4 214 3 119 9 176 4	382 2 382 2 375 6 370 2 351 5	121 2 104 3 106 4 102 5 98 3	81 1 80 9 69 5 68 5 73 9	88 9 87 2 86 4 86 0 85 2	\$3 6 77 0 75 2 72 9 72 5	74 9 73 2 74 4 73 6 60 7	55 2 150 6 250 2 259 0 246 9
16 17 18 19 20		76 1 78 6 78 2 76 5 113 8	111.1 118.2 118.3 104.8 107.9	111 6 92 7 104 8 166 3 175 8	200 6 115 6 91 7 96 6 96 7	345 6 349 0 349 7 341 1 366 8	94 2 89 9 81 2 59 3 66 9	90 3 109 9 109 2 107 8 117 4	95 6 86 4 97 6 93 6 90 4	72 5 72 5 78 9 77 0 79 8	59 9 99 0 118 0 143 5 163 4	241 5 236 2 220 6 200 5 193 9
21 22 23 24 25	26 5	124 6 135 3 150 6 169 3 170 7	107 9 110 2 110 6 119.8 118 1	139 § 211 3 269 0 288 8 294 8	159 3 176 9 194 9 194 9 179 9	387 9 389 8 387 3 402 8 397 8	76 5 93 1 99 8 98 7 95 2	131 8 125 4 130 6 122 3 109 2	77 7 75 9 67 6 92 9 212 8	80 9 89 7 87 6 86 4 82 8	164 5 176 1 133 3 105 0 101 5	180 S 171 7 161 2 147 S 133 1
26 27 28 29 30 31	80 6 83 8 86 2 86 8 79 2 72.9	160 5 164 1 167 8	113.8 116.0 120.8 118.3 124.2 127.4	188 9 146 9 170 2 165 1 195 1	159 8 309 3 390 6 258 6 199 0 173 9	373 9 352 0 269 1 235 8 245 7	90 6 86 4 89 6 86 8 83 0 76 7	105 3 103 6 103 2 103 2 104 3 96 9	249 0 247 0 218 3 226 2 241 3	77 0 72 9 67 6 63 9 61 6 53 0	96 8 93 9 92 5 92 5 89 6	126 0 117 0 109 0 113 0 112 0 108 0
1919 — 1 2 3 4 5	108 0 98.9 82 0 76 0 87.5	111 0 167 0 131 9 126 1 121 0	286.1 235 9 202 7 217 9 249 7	360 4 359 2 372 5 368 7 342 9	366 6 726 4 435 2 442 6 459 8	284 3 246 7 323 9 351 5 391 8	77 5 53 9 57 0 55 4 51 6	98 7 62 7 50 1 51 1 47 0	39 1 37 9 36 2 35 2 34 1	35 2 98 3 109 0 95 3 72 2	8 0 8 0 8 0 21 9 44 7	51 0 59 0 63 3 65 9 61 3
6 7 8 9	93 0 93 0 89 0 82 0 75 0	121 0 116 5 109 0 107 0 113 0	272 7 252 9 292.3 293.9 293 9	343 3 193 5 145 0 114 0 104 0	439 3 478 5 484 0 474 3 424 0	373 1 354 1 303 9 249 6 183 3	57 9 60 9 73 0 72 5 67 5	36 9 51 9 48 5 47 0 46 7	32 6 31 0 30 1 36 1 43 3	36 1 8 0 8 0 8 0 8 0	38 1 55 0 51 9 52 2 59 0	65 9 96 5 74 7 64 2 59 6
11 12 13 14 15	71 3 73 1 76 0 77 3 72 3	277 9 402 3 365 7 349 3 312 3	292.8 292.8 292.8 300.8 274.5	104 0 104 0 104 0 104 0 104 0	399 9 365 6 393 2 680 2 403 1	222 9 275 7 276 9 251 6 212 0	63 9 71 7 76 0 52 3 86 3	47 7 60 2 56 2 61 7 66 5	43 3 42 7 41 4 39 7 41 7	9 0 9 0 9 0 9 0	64 2 65 0 67 7 69 5 65 9	68 6 58 1 250 3 360 1 40 9
16 17 18 19 20	68 9 66 3 64 2 69 9 130 5	275 7 239 5 206 5 226 6 196.3	297 4 319 5 289 5 271 6 292 3	90 0 81 5 86 9 137 7 177 5	417 5 429 5 396 9 400 9 415 7	204 9 254.5 252 5 213 3 227 3	90 3 75 5 74 2 74 3 73 4	67 0 64 2 66 2 65 5 62 5	42 3 39 9 37 4 35 2 34 1	¥ 0 ¥ 0 8 0 8 0	59 5 59 9 65 0 65 0 65 0	36 5 36 1 35 7 35 7 36 8
21 22 23 24 25	134 5 165 3 172 6 175 3 172 6	157 1 155 8 156 4 70 1 170 2	336 4 310 2 262 3 229 3 244 1	196.5 239.3 302.1 270.5 299.9	393 7 306 7 259 1 150 4 150 4	202 5 144 2 124 5 147 8 138 7	79 0 73 3 71 7 76 0 74 7	59 1 55 7 54 3 51 8 51 0	33.1 31.5 31.0 30.5 29.6	¥ 0 \$ 0 \$ 0 \$ 0	65 0 65 0 65 0 65 0 65 0	43 3 49 4 44 5 53 7 55 7
26 27 28 29 30 31	148.7 129.9 119.0 117.3 112.5 113.0	189 7 157.1 186.9 348.5	259 5 274 9 291 6 307 7 324 4 342 4	274 1 201.9 129.6 103.9 233.5	249 5 410 9 422 5 439 3 429 7 361 7	116 1 81 7 88.6 67 9 80.9	76 8 85 8 95 3 88 9 101 8 104 6	50 1 48 1 45 7 45 4 42 7 40 9	31 4 35 7 42 7 51 0 60 8	8 0 8 0 8 0 8 0 8 0 8 0	65 0 65 0 65 0 65 0 74 0	56 5 56.5 54 2 49 9 57 4 61 6

INILL 25 TEM X RE CANAL Continued

Da I vers in n Se ad feet

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TABLU 25. LEMOORE CANAL Continued
Daily Diversion in Second-feet

			_									
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct	Nove	Dec.
1922— 1 . 2 3 4 5	492 502 495 434 437	176 176 173 173 171	163 162 166 166 164	183 184 179 177 180	452 460 463 456 461	255 255 256 258	35 × 346 333 313 312	110 212 207 139 123	318 2 8 215 208 198	154 80 27		173 170 170 180 204
6 7 8. 9	378 338 332 328 344	171 170 170 171 171 173	162 160 160 160 159	189 210 188 156 170	445 434 448 440 432	263 275 272 281 282	322 325 317 313 323	108 94 89 85 114	196 204 190 211 191			1 8) 1 80 1 90 222 266
11	346 344 342 352 351	143 156 142 158 169	158 162 163 161 159	127 137 174 178 162	424 425 388 300 324	252 290 312 315 306	306 280 222 197 200	110 104 106 104 123	187 174 167 162 155			266 239 235 266 254
16 17 18 19 20	347 330 168 159 164	166 166 162 162 162	161 166 158 151 149	137 128 117 105 96	324 327 347 356 353	330 339 313 333 343	211 204 151 137 164	125 105 115 122 122	144 158 183 177 143		66 194 205 208 207	240 239 216 199 176
21 22 23 24 25	179 176 175 177 181	169 174 170 169 166	153 156 176 186 182	120 163 125 233 315	328 349 350 349 346	331 336 330 339 340	294 232 161 120 103	121 109 103 115 119	137 137 160 158 158	•-	198 180 185 187 181	162 158 157 155 153
26 27 28 29 30	181 180 179 179 180 179	168 166 168	177 175 173 180 180 180	352 393 429 442 445	304 296 296 310 322 300	333 371 364 365 366	114 110 121 120 118 105	1\5 272 260 310 375 378	150 133 129 129 130		176 164 168 170 172	152 151 150 152 162 154
	113		150		300		105	212				104
1923 —	145 154 148 152 151	149 142 138 133 148	246 262 244 245 245	115 135 123 165 152	282 248 244 276 295	307 315 258 277 259	339 359 350 344 346	73 108 91 114 129	69 61 83 119 129	272 208 201 192 182		109 98 87 82
6 7 8 9 10	146 143 139 131 141	160 159 157 200 253	222 162 141 114 100	203 430 426 439 432	293 321 343 387 418	297 310 259 314 311	342 342 247 173 163	129 143 134 94 57	147 160 162 166 166	163 137 58		\$7 42 88 97 99
11 12 13 14 15	158 161 162 159 154	265 265 269 264 258	80 91 83 89 92	543 514 490 457 497	408 442 438 434 440	324 350 358 377 375	240 219 179 144 181	68 70 66 23 59	163 162 158 150 160			(4 92 80 85 99
16 17 18 19 20	165 192 195 204 203	260 260 261 193 181	101 94 87 91 95	491 498 470 430 402	449 441 421 397 393	370 333 253 228 244	249 232 166 161 124	106 69 65 79	198 195 182 172 183			97 100 95 64 92
21 22 23 24 25	201 203 202 207 180	183 184 208 218 214	96 101 110 86 89	352 318 305 299 278	3%3 301 311 321 314	267 202 190 235 255	93 118 124 124 123	103 106 106 103 90	181 168 137 122 156		10 48	90 93 90 88 82
26 27 28 29 30 31	141 137 141 138 141 151	219 227 228	114 124 126 132 128 114	249 239 184 290 315	324 294 310 296 301 292	293 326 342 350 341	93 83 65 28 51 67	82 76 98 91 90 74	161 155 270 296 250		60 7 65 65	94 98 100 100

TABLE J. LEN WERE CANAL Command

Da y Divers in in Second-feet

Title	-	-	Mann	-	Max	1	J	Nug	the d	ME	`	Pre
1924	13355	6_ 6_	1000	NAME &	NAME OF TAXABLE	6 64 - * 4	4 ^ 6.7 6.7	4				
	111	1	,	-	1020		94	1			•	1:
4	27	TANK	<u>.</u>	90000	46.0	* 4	01001	4			4. 4.	1
-	0.10	1000	4	0.0	1 1 1	4 * 4 * 7	. 4				6.6 6.6	
-	19000	4.4	0 d	SME		2010	-00000					
00000		1675	100	4 (4 (1)	4		4				0.6 0.6 0.	91
1925	44	0.4 0.4	Heart	 4 q	6	4	201100	1	6			PLACE
1	-4	0,000	0		4	4			1		4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1			1		01111		IN I	11	0 0		100	2
1	Name of	1000	STATE OF		THE STREET	NI TO	_ d	4	4 le familie		34600	41
110,411	4	SA.	4	4.4	6 6		6 6 6 6	and a	4		200	0 94 6 6 66

TABLE 25. LEMOORE CANAL Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1926 — 1 2 3 4 5	89 90 89 87 88	102 62 97 93 78	100 106 90 80 75	93 109 Sri 81 96	455 436 412 422 436	219 240 235 168 105	52 66 98 95 102	57 57 44 38 34			10 20 24	448 425 402 364 290
6 7. 8 9 10.	89 89 89 89	81 89 82 96 97	82 74 81 98 97	154 303 167 340 334	423 384 351 257 243	94 114 96 116 125	82 111 105 102 106	23 19 15 12 10			25 26 29 33 40	184 195 182 165 110
11	88 88 89 89	99 110 128 124 322	89 82 82 80 95	264 289 248 261 284	170 207 245 276 296	156 117 118 132 129	109 108 102 96 95	13 13 12 11 10			44 46 40 42 101	94 102 97 104 88
16	90 94 93 92 90	141 112 118 106 111	94 95 93 82 73	285 280 287 283 280	344 351 379 429 429	119 108 85 55 55	98 100 99 97 71	9 9 8 7 6			97 93 90 59	77 68 66 64 63
21 22 23 24 25	92 89 87 85 85	112 133 132 98 92	74 76 93 94 80	255 273 285 321 363	449 450 418 351 351	66 59 58 52 47	88 86 81 78 70	5 4 3 1			88 87 87 87 233	63 65 67 68 68
26	85 84 85 89 92 108	\$3 90 97	94 121 96 88 86 85	406 437 474 475 465	240 180 162 229 253 198	43 47 45 49 46	73 73 67 53 57 60				395 418 411 374 409	67 65 66 66 67 78
1927 1 2 4 5	93 96 97 97	S5 84 85 103 420	360 304 273 292 266	158 132 224 257 236	502 511 501 518 513	285 289 272 281 285	214 333 332 315 233	76 118 109 90 85	69 64 70 73 72	27 4 0		61 49 56 71 78
6 8 9	106 124 126 112 99	164 102 111 83 78	210 156 208 227 340	283 298 265 207 196	468 434 430 395 347	305 333 342 330 340	135 138 160 189 218	85 98 95 82 81	69 68 66 66		63 77 69 78	76 75 72
11 12 13 14 15	90 116 116 86 72	90 102 111 116 188	320 245 156 148 231	194 188 191 192 185	370 359 251 357 336	342 331 252 274 297	173 221 196 192 163	81 80 80 82 83	68 68 64 60 57		95 93 71 79 82	76 74 73 79 97
16 17 18 19	75 79 73 75 90	404 492 414 498 499	295 204 165 146 146	182 218 194 166 157	300 317 396 430 389	306 341 382 384 378	141 149 186 210 193	80 83 82 80 116	53 53 50 48 45		79 72 63 62 60	97 86 73 74 83
21 22 23 24 25	124 203 117 100 90	444 490 482 492 488	112 129 164 203 226	217 210 217 233 327	355 278 273 260 287	357 344 314 308 386	151 147 177 117 110	182 172 119 95 92	52 54 49 45 43		51 58 60 68 86	76 50 46 77 81
26 27 28 29 30	82 82 78 78 88 84	463 444 391	175 186 194 160 156 143	392 452 450 489 507	303 303 285 258 279 278	403 398 345 308 270	99 89 134 131 99 89	84 80 75 73 70 70	40 38 34 32 30		70 73 77 76 74	77 72 68 74 83 114

INDEED DISCORDED LAND Commended

Dall December 3 feet

- San	Ìm.	Nic	Sec	1	160	Yes	W	1.4	564	0.0		I -
1923			-4		STATE		4		6			100 100 100 100 100
,	THE STATE OF	6	6	0000	SHE	NT23/1		MATERIA				1000
8	ŀ	7		4		6 6	4.6	T. S. A. S.				6. 6.
TI O		4	10000	Spille		FESSE	# 1 # 2 # 2 # 4 # 2				-	
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distribution		20000	6 6 9 6 6 9		4 4 4	4	6 6	· Mile			1000	4 4 - 4
1929	Hill	55110	1000	Tues 2	4	5.5	112/5	6 6				
			6.6	15		4		Shear			N.	į.
4			6 6	19100		6.1	1	0110				DOME
0.00	 	1000	1	111.00	1	6 "	6 6 6 6	6 6			-	4
_4		111100	1	4			6 6	į.				See 1
SHARE	710		-				Balance				Į.	1

TABLE 25. EI MOORF CANAL Continued
Daily Diversion in Second-feet

		water										-
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1930 — 1 2 3 4 5	29 26 27 28 28	83 85 90 89 92	107 93 92 94 109	125 125 94 93 96	145 133 147 238 192	112 159 120 172 214	99 99 101 82 63	23 20 24 20 15			4 11	58 80 55 51 52
6 7 8 9 10	28 29 36 54 52	90 89 89 89 89	145 104 83 87 91	123 172 179 145 126	118 140 169 164 150	217 248 318 331 363	59 39 30 30 37	12 6 5 1 7			12 14 15 15 16	52 50 50 50 48
11 12 13 14 15	53 54 57 58 60	87 87 86 98	85 79 75 81 86	84 99 152 151 110	132 134 153 154 174	206 308 350 420 399	37 41 41 39 37				17 18 20 26 26	45 44 39 39 36
16 17 18 19 20	62 65 84 91 92	95 95 78 78 79	96 76 72 71 70	104 99 91 120 137	166 142 124 140 184	365 364 203 157 174	34 38 35 39 40				26 28 31 53 49	36 38 31 29 29
21 22 23 24 25	77 67 70 72 75	80 92 83 495 414	67 72 77 79 76	193 152 86 151 182	208 200 314 285 357	116 149 167 140 160	40 30 24 23 39				52 56 58 60 61	29 27 25 22 21
26 27 28 29 30 31	75 76 80 82 83 83	241 129 112	87 111 92 116 95 122	177 113 81 272 196	371 374 322 408 403 230	110 91 116 119 101	41 51 53 46 37 30				57 53 52 53 55	21 19 18 18 17 17

TABLE 25. LEMOORE CANAL —Continued Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Meao		Maximum	Minimum	Mean
1918 — January. February. March April May June July August September October November December	305 S 178 3 294 8 491 0 428.5 251 5 131 S 249.0	0 69.8 98.0 92.7 150.3 59.3 68.5 67.6 53.0 45.6	17 125 125 172 263 357 121 98 133 158 97 120	1920 January February March April May June July August September October November December	138 0 122 0 394 0 506 0 477 0 485 0 232 6 122 4 133 4 140 0 143 4 231 6	67 5 70 5 63 0 116 0 85 0 58 0 71 6 67 6 83 2 0 0 130 7	87 99 177 225 372 349 134 89 97 66 38 179
The year	491.0	0	148	The year .	506 0	0	163
1919 January February March April May June July August September October November December	175.3 402.3 342.4 273.5 726.4 391.8 104.6 98.7 60.8 109.0 74.0	64 2 70 1 202 7 81.5 150 4 67.9 51 6 36 9 30 1 8 0 8 0 35 7	104 202 281 202 407 221 74 55 38 20 55	1921 — January February March April May June July August September October November December	326 394 420 374 404 388 345 159 124 0 101 508	83 199 190 64 66 318 62 84 0 0 0	174 304 292 193 331 346 153 114 78 0 55
The year	726.4	۹.0	144	The year	508	0	185

TABLE 2 LEM TORE CANAL Control and humitary / Me the Divers in Second-feet

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	V-	-	4-		1114	-	Meet
1927 	6 A 6	4	6 6 8 6 6	182"	11.31115.011		5 % SA SA SA
Tir time			100	70.75	1.14		m
1924	6	Since Parish a Number of Street	The state of the s	1929 7		13 13 14 15 16 16 17	45 12 12 12 12 12 12 12 12 12 12 12 12 12
15/60	. 4			The page	6 1	-	4
1925 V	-44	4 64 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Target Bases (8	1930	6	100 PT 10	1 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
1123			110				
	t 6 0 0 6	4					

TABLE 25. LEMOORE CANAL Continued Summary of Monthly Diversion in Acre-feet

	1918	1919	1920	1921	1922	1923	1024	1925	1926	1927	1928	1929	1930
January February March. April.	1,022 6,934 7,714 10,239	6,366 11,221 17,236 11,975	5,360 5,712 10,866 13,395	10,698 16,868 17,925 11,462	17,719 9,227 10,153 12,264	9,989 11,476 8,126 20,317	5,413 4,964 5,827 6,720	5,776 6,516 6,879 12,640	5,487 6,108 5,415 16,390	6,633 15,688 12,949 15,052	4,742 6,486 8,912 8,950	6,425 5,158 5,774 6,352	3,669 6,752 7,975
Muy June July August	16,157 21,237 7,465 6,007	25,001 13,161 4,580 3,372	22,820 23,204 8,237 5,473	20,303 20,746 9,399 7,035	22,994 18,400 13,791 9,433	21,417 17,780 11,626 5,455	9,504 4,146 2,043	22,631 16,230 8,169 5,245	20,247 6,134 5,306 832	22,538 19,349 10,759 5,698	17,299 8,758 3,386 1,265	17,590 10,825 4,138 1,008	13,011 13,054 2,839 2.65
September October November December	6,904 9,709 5,791 7,395	2,239 1,259 3,273 4,346	5,788 4,083 2,249 11,015	4,671 0 3,489 11,631	10,375 517 5,269 11,910	9,724 2,798 804 5,625	4,061	2,224 196 3,073 5,312	7,039	3,305 62 3,437 4,598	4,035 6,417	835	1,857
Totals	106,574	104,029	118,202	134,227	142,052	125,137	48,333	94,891	81,527	119,498	70,365	59,643	57,245

TABLE 26 LIBERTY CANAL

Do I very in in Sec ad-feet

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	41									
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	15		6.0							

TABLE 26. LIBERTY CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug	Sept	Oct.	Nov.	Dec.
1920 —					18 9	99-4	7.8					
2 3. 4 5					3 8	99 0 99 0 99 0	7 8 6 7 2 3 2 3 2 3					
6 7 8 9					2 9 26 6 36 2 26 5	98 2 95 7 92 2 90 9 87 1	2 3 2 3 2 3 2 3 2 3					
11 12 . 13 14 15					3 8 1 3 6 1 1 3 2 2	\$5 6 70 2 65 0 71 2 78 0	2 3 2 3 2 3 2 3					
16 17 18 19 20	-			26 9 82 2 51 8 8 4	27 5 55 5 80 4 99 5 100 2	64 4 48 2 70 5 80 5 82 1						
21 22 23 24 25			58 3 9 7		100 2 99 5 100 2 99 5 100 2	83 7 80 9 75 5 64 6 39 0						
				3 5	98 2 98 1 99 5 99 5 99 5 99 5	16 5 11 2 9 6 8 8 7 8						-
1921			6 6 7 13	2	127 114 89 89 43	77 85 145 94 132						
6 7 8			8 5 2 1	1 1 1 2 1	4	151 157 163 167 169						
13			36 82	1	2 55 142 148 145	174 181 181 176 169						
16 17 18 19 20	80 48		20 4 3 3 2		155 153 109 11	149 66 3						
21 22 23 24 25	22 7 3 1		2 1 1 1 1	2 3 3 3 3	2	2 53 78 71 57						
26 27 28 29 30 31			1 1 1	2 57 113	43 122 144 152 155 152	26 6 1 1						

TABLE J. LIMERTY CASAL Continued.

Dail Diversion in Second feet.

Day 1 Jan	3-4	Stade.	Age	11(4)	No.	1=	_a	e _i l.	166.	\ -	Dec
1922		1	1	0.9	111						
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	1	1	Bearing.	6 6	"1 						
1923		6 6		1	4	0 0 0 74					
4 (Section	1000	Sec. of	A					
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100	1		1000	STREET							
- 1	1		Ī	1840	1						
- d	N.		1	HESE	4						

TABLE 26. LIBERTY CANAL Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug	Sept.	Oct	Nov	Dec
1924												
1924 1 2 3 4 5												
5												
6												
6 7 8 9											7	
											23 0	
11 - 12 13 14 15											0	
16 17 18 19 20												
19 20												
21 22												
21 22 23 24 25												
26												
26 27 28 29 30												
30 31												
1925— 1 2 3 4 5						57						
3 =					40	57 23 7 5 4						
					49 61							
6 8 9. 10					56 81 86 72 48	2 2 2 1 2						
9.					72 48	1 2						
11 - 12					19	4 5						
11 - 12 - 13 - 14 - 15.					19 4 2 1 1	4 5 23 42 36						
16 17 18 19 20					1 1 5 12 23	10 6 3 3 2						
21 22 23 24 25					15 10 26 72	2 2						
24 25					26 72							
26 27 28 29 30 31					101 114 415 117 120 103							
31					103							

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19								
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31		4	7					
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TABLE 26. LIBERTY CANAL Continued Daily Diversion in Second-feet

					any inve	r storr ir	1 Second	a-reet				
Day	Jan.	Feb.	Marel	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1928 -	7											
1 . 2 . 3 . 4 . 5					. 26 67	49						
3					33	4 4				-		
5					11	5 5						
						}				-		
6 7 9 1					25 44	5						
9 .					. 40							
10					6 I 14							
П.					. 2							
12					4							
I4 I5					. 33							
					47							
16 - 17 18 19					. 85							************
18					46							
19. 20			-									
21	-											
21 22 23 24 25												
24	-											
				-	-							
26 27 28 29 30 31			. 4I . 36 . 58		- 46 43							
28			. 58		59							
30 .			. 8									
					70							
1929												
2												
3					10							
5				,	58							
6												
7			,		63 26							
9												
10					45							
11					51							
13					23 36							
I4					60							
					93							
16 17					76 50	34						
19					66	48						
20					48 36							
21												
21 22 23 24 25					31 2							
24					9 41							
					61							
26 27					102							
28	*				72 6							
28 29 30					0 .							
31												
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TABLE . LE FIT LASAL is und

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5										
				0						
3										

TABLE 26. LIBERTY CANAL Continued Summary of Monthly Diversion in Second-feet

	I A I	Art.					
	Maximum	Minimum	Mean		Maximum	Min mum	Mean
1918 March April May	74 7 85 0 84 0	0 6 0 4 9	41 2 35 1 28 5	November The year	23	<mark>0</mark>	1 0
June July	84 0 0 2	0 4	0 1	1925 May	120	0	43
The year	85 0	0	12 8	June	57	0	` -
1919 — February March April May June	87 2 19 9 6 8 161 2 148 2	0 0 0 58 4	10 2 9 2 9 1 9 135 6 17 3	The year 1926 - April May June .	120 126 110 1	0 0 0	33 43 0
	-					-	-
The year	161 2	0	14 1	The year	126	0	ľ)
1920 — March	58 3 82 2 100 2 99 4 7 8	0 0 0 7 9 0	2 2 5 7 51 2 69 1 1 3	1927 February March April May June	114 127 151 139	0 0 0 1 0	34 1 15 93 93
The year	100 2	0	10 8	The year.	151	0	19
1921— January March April May Jane	80 0 82 0 113 0 155 0 181 0	0 0 0 0	5 0 7 0 7 0 70 0 91 0	1928— March May June The year	58 77 49	0 0 0	30 2
The year	181 0	0	15 0	1929 — May June	102 48	0	34 3
February March April	69 0 34 0 37 0	0 0 0 0 0 0 0	9 0 4 0 8 0 106 0	The year	102	0	3
June July July	158 0 165 0 60 0	17 0 54 0 0	109 0	May June	97 101	0 0	19 29
The year	165 0	0	20.7	The year	101	0	4
1923 — January February March April May June July	34 16 8 100 153 121 38	0 9 0 0 6 1	14 11 1 30 102 21 4				
The year	153	0	15				

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9 .	0	Ī	1		1	·	Ä	1.44.3	0 99	Į.	•	100

TABLE 27. LITTLE MILL RACE CANAL

Location of Intake. At a point in the northerly wink of Murphy Slough 1 000 feet Soath and 800 feet East of the Northwest corner of Section to Township 17 South Rang. 20 feet M. D. B. and M. Delivers water to the stockholders of the Laberty Mill Race Dich Company, a mutual water company Gagings were made from a farm bridge, a plank footherdge and by wading. A full year record is not available for this Confill Because of the difficulty in measuring small flow of water in canals with comparatively large cross-sections, it was the intention to keep the record only when the diversion of Murphy Slough at the intake was greater than five in second-feet. The Timit, however, was not strictly adhered to not strictly adhered to.

Recurds of diversions are available for the following periods of the year 1918 to 1930, inclusive

Year 1918 May 4 to October 1b Year 1919 - February 11 to July 25 Year 1920 - March 3 to July 14 Yeur 1921 - March 29 to July 12 Year 1922 - March 18 to July 12 Year 1923 - April 7 to July 16 Year 1924 - April 1 to May 21 Year 1925 - April 15 to June 30 Year 1926 - April 24 to June 10 Year 1927 - April 4 to July 17 Year 1928 - May 1 to June 11 Year 1929 - May 10 to May 24 Year 1930 - May 21 to June 30 Hay 21 to June 30 Hay 21 to June 30 Hay 24 Year 1930 - May 10 to June 30 Hay 24 Year 1930 - May 21 to June 30 Hay 24 Year 1930 - May 21 to June 30 Hay 24 Year 1930 - May 21 to June 30 Hay 24 Year 1930 - May 21 to June 30 Hay 24 Year 1930 - May 21 to June 30 Hay 24 Year 1930 - May 21 to June 30 Hay 24 Year 1930 - May 21 to June 30 Hay 24 Year 1930 - May 21 to June 30 Hay 31 to Jun Year 1918 May 4 to October 16

Equipped with a seven-day water stage recorder

Daily Diversion in Second-feet

Day	Jaa.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1918— 1 2 3 4 5					7 7 26.6	8.2 18.2 34.0 38.0 34.8	1.0 0 7 0 2 1.2 3.5	0 0 0 0 0 0 0 0 0 0	0.0 0 0 0 0 0 0 0 0	31.9 33.8 43.6 32.6 32.6		
6 7 8 9 10					33.8 33.5 29.4 29.1 28.0	33 4 33.5 36 2 38 2 36 4	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0	32.6 31.6 25.7 20.0 17.0		
14					17.1 13.9 12.6 14.2 28.2	37 6 36 7 32.7 24 4 30 7	0 0 0.0 0 0 0 0 0 0	0 0 0.0 0.0 0 0 0 0	0.0 0 0 0 0 0.0 0.0	16 2 10 3 5.6 3.3 2 5		
18					32.9 27.2 21.2 21.5 23.9	26.7 29.8 31.5 33.2 34.8	0 0 0.0 0 0 0 0 2.9	0.0 0.0 0.0 0.0 7 9	0.0			
21 22 23 24 25					26.8 30.8 33.4 32.8 32.2	37.5 38 4 36 2 33 9 30 2	5.5 5.5 4.6 3.0 2.7	5 2 4.0 6.0 7 6 5 3	3 2 3 1 2 8 6 2 16 3			
26 27 28 29 30 31					29 4 21 2 17 3 11 8 7.3 7.1	20.9 7 8 2 8 2 0 1 4	2 0 1 8 1 7 2 4 1 9 0.0	4 2 3 5 3 2 2 8 1 8 0 0	11 4 10.9 14 9			

IN II ." ITETEL MILL BACK CANAL Cont. und

I half I ex a n he and-feet

100	Air-	-	Starry	4	Man	Test	7	A ag	~	trt.	100	I
1910			10		0.1) ,					
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î				115	41	41						
4						= 1	1 3					
7		-11		4 1		4 1	4 7					
4		1		18		11	4 3					
T.		4	4		1	2 **						
2		15	1 4									
Spring Section			6 9	4		2 2	5					
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1170							4.7					
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TABLE 27. LITTLE MILL RACE CANAL -Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1921— 1 2 3 4 5				2 4 8 7	23 30 25 23 19	18 11 22 12 13	5 0 9 6 3					
6 7 8 9				1 3 5 3 3	17 7 2 1 1	24 14 22 35 35	5 4 2					
11				1 2 1 1	2 4 18 27 24	41 49 52 50 40	1					
18 19 20				1 1 2 2 3	24 34 44 37 16	37 15 5 3 2						
21 22 23 24 25				1 10 3	3 4 5 4 4	2 9 20 23 16						
26			1 2 2	3 17 19	14 28 42 30 30 27	10 6 7 14 10						
922 1 2 3 4 5				20 16 16 16 16	23 23 23 23 22 22	21 22 24 24 25	23 26 27 28 28					
8 9				16 12 11 7 33	24 24 25 25 23	28 31 31 29 26	27 27 26 23 18					
12 13 14				3 2 1	21 17 16 18 21	19 13 10 8 6	6					
18 19 20			0 0		23 23 25 26 27	8 10 11 12 11						
			0 0 9 20 21	3	25 22 22 22 16 18	10 15 17 18 19						
28			12 19 20 23 22 22	9 11 16 21 22	21 19 14 14 17 19	21 22 23 24 24						

TAIL " HITE MILL RATE USAL Contract

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TABLE 27. LITTLE MILL RACH CANAL Continued Daily Diversion in Second-feet

						-						
Day	Jan.	Feb.	March	April	May	June	July	lug.	Sept.	Oct.	Nov.	Dec.
1005												-
1925 —					0	23						
					14	23 22						
3					19	13						
4 5					32 33	9						
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10					39	1						
11					29	2						
12					12	3						
13					4	17						
14				0	3 2	21						
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16				5	2	16						
11				11	2	11						
13				0	2 2 2 3	9						
20				. 0	4	9	1.					
0.4					***	0						
21				0	10 10	8 8						
23		1		0	7	6						
24				0	16	4						
25				0	23	5						
26				0	29	6						
26				0	23	6						
29				0	23 22 24 23	5						
20				0	24	3						
31					21							
1000												
1926 —					30	4						
2					30	6						
0					29	6						
5					27 6	2 2						
V					0							
6					6	2 3						
7					6	3 4						
					5	4						
10					4	5						
					4							
					8							
13					9							
14					11							
10					1.5							
16					12							
					16							
8.0					18							
					21							
					10							
21					19 17							
23				9	14							
24				9	12							
25				17	9							
26				25	2							
27				25 25 28	0							
28				28 29	0							
				29 29	2 2 3							
31					3							

TABLE 2* LITTLE MILL RACE CANAL Continued

Do Divers in Semnd-feet

F= f.ml Seed 1 Air-J -Day A Arri 47 4.00 pre -Por 1927 4 5 .3 1 6 9 4 4 4 ." .4 14 61 6 6 5 4 61 1 4 -4 6 . \$ \$ \$ 11 5 . 4 4 -6 6 THEFT 15 6 6 6 7 1979 4 -4 -200 000

TABLE 27. LITTLE MILL RACE CANAL Continued

Diverts from Murphy Slough-

Facilities are not available for obtaining sitisfactory records of the divirions by this cana. A footbridge used as a gaging station disappeared in 1925 and was not replaced during the year 1929. The gagings reported below were made from bridges and abandoned structures and show the effects of cheeking, and the presence of kelp and tules.

Daily Diversion in Second-feet

Date	Gage height, feet		
May 10	1 89 1 90 2 00	16 6 11 0 9 7	

TABLE 27. LITTLE MILL RACE CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Der.
1930-												
1					- : !	4 0						***
3						0						
5						0						
6						0						
8						11 15						
9						18 18						
12						20 20						
13						20 20						
15						18						
16						15 14						
18				******		8						
19 20						3 23						
21					4	23						
22 23					19 19	4 2						
24					16	2						
26						-						
27					17 17	3						
28 29				*******	18 20	5						
30		=			21 15	0						

TWILLT THEFT SHE RACE CASA C - moved

TABLE 28. MURPHY SLOUGH

LOCATION OF INTAKE At a pair 1 700 fee. North and 400 feet With South Corner See.

22. Township 17 South, Range 21 La. M. D. B. and M. This is a controlled and improved natural channel discount water with Turing Rivinda. Big Mill Race, Little Mill Race and Read on the Againg station constructed in 1-2 on the fitbridge attach Jit is up tream side. If the our road bridge about 500 feet down tream from the San a he Rain addering. Print the time current mitter contains a part formed for a water road.

gagings were limited to washing measurement in the san a re-rear sale of the Profession time turn it in terms and the record for the years 1918 to 1922 inclusive of the sum of he diversion by the Big M. R. e. Litt. Mill Race, Turner-Riverdale and R. ed can be as hey appear in Libles 4, 27, 30 and 33 respectively of the

Mill Race, Turner-Riverdale and Rich can is as in y appear in Tibles 4.27, 30 and 33 respectively of the bulletin and is I mitted to a portion of each year. Beginning with 1923 records are presented in this bulletin. If the diversion in the theoretic var. Because of the fact that no gaging station was available the record from April 7 to July 10, 1923, it is implied to mother combined diversions of the four canalis named above. During the low water year of 1924 it was posses in the wade the cinal at all times and the record for the entire year is from gage heights and gagings at the intake. In 1925, it again became necessary to compile the record for the period April 15 to June 30 from sum of the diversions by the four canals.

Since 1926 the record is from data obtained at the intake. Equipped with a seven-day water stage recorder in a wooden well.

				Dail	y Divers	sion in S	Second-	fcet				
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
3				40 5 46.1 46.9 46.2 45.3	78 7 79 7 93 3 133 1 141 3	111 9 173 × 267 1 297 1 303 7	59 7 4× 5 46.6 56 6 64 7	17 1 18 6 21 8 24 5 31 6	7 0 10 4 10 3 18 2 10 2	92 \$ 92 9 124 3 123 3 106 4	0 0 0 0	13 9 13 9 13 9 13 9 13 9
S 9				39 5 36 6 36.6 46.9 52 9	352 6 349 7 302 3 279 6 247 3	314 1 323 0 328 6 316.7 280 4	51 3 48 1 41 0 48 0 42 5	26 3 26 0 23 2 15 4 14 5	7 3 7 3 7 0 7 0 7 6	99 5 75 1 68 4 61 1 53 4	0 0 0 0 0	13 9 15 7 15 5 20 9 21 8
12 13 14			18.5	55 8 57 1 54 8 54 8 57 1	186 7 139 2 131 5 202 9 232 7	283 6 279 0 276 1 256 8 233 5	36.1 30.4 27.5 24.5 22.3	13 5 13 9 12 5 11 4 9 5	5 4 8 7 9 5 10 1 9 5	53 5 38 6 25 7 19 3 15 5	0 0 0 0	22 0 21 3 0 0
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27 28 29 30			31 4 32 4 32 8	103.1 \$1.7 67.0 62.3 67.5	280 6 267 4 236 0 165 4 126 9 116 0	177 9 130 3 95 9 82 4 70 2	29.0 20.2 18.8 20.5 15.8 13.8	17 0 16 1 15 8 15 0 10 7	40 8 29 5 28 8 38 8 43 3	0 0 0 0	0 0 0 13 9 13 9	0 0 0 0

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TABLE 28 MURPHY SLOUGH Continued

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TABLE 28. MURPHY SLOUGH Continued
Duily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
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11 . 12 13 14 15	19 14 16 16 13	19 26 24 25 19	9 6 8	24 28 68 111 63	315 195 128 68 90	146 182 226 289 320	25 26 18 13 12	9 32 23 22 38	6 5 5 4 8	14 13 15 15 15	12 12 12 12 19 16	8 7 7 10
16 17 18 19 20	14 15 15 15 14	17 18 17 16 17	10 12 13 9	73 122 120 87 72	85 63 101 165 186	273 150 111 111 111 106	11 21 17 11 28	33 26 14 11 12	26 10 6 5	12 8 7 11 10	14 13 14 15	14 15 15 13 13
21 22 23 24 25	13 12 11 11 11	22 49 24 18 32	12 10 9 16 16	58 50 38 36 35	178 187 143 219 319	119 117 83 64 69	14 13 9 3 0	14 12 12 12 13	7 35 36 39 36	5 3 3 3	15 17 15 15 15	12 12 14 13 12
26 27 28 29 30 31	15 23 23 22 19 19	17 14 16	12 14 12 15 21 12	26 24 26 28 26	414 456 462 452 451 437	69 65 52 33 16	3 6 5 6 13 12	13 11 10 8 8 8	28 20 31 34 . 36	2	15 15 15 14 13	11 11 11 12 13 13
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6 7 8 9 10	11 11	17 17 14 14 14	8 8 9 13 16	110 86 51 330 93	444 247 87 28 13	28 36 40 57 53	34 18 22 21 20	15 16 19 18 19	7 7 7 6	9 7 6 6	28 26 27 26 30	84 74 67 66 60
11 12 13 14 15	14 14	14 18 22 97 186	12 8 7 8 19	38 31 22 45 81	24 45 65 148 254	61 32 36 39 34	20 18 22 23 23	14 12 11 10 9	11 12 12 12 12	6 6 5 4 4	34 32 13 1	65 76 49 37 19
16 17 18 19 20	16 15	42 32 23 18 21	25 23 18 17 17	205 278 282 173 58	377 408 423 409 442	39 22 14 6 4	24 23 23 23 23 30	9 9 9 8 9	12 13 13 13 12	4 4 4 4		13 11 10 11 11
21 22 23 24 25	12 12 12 12	19 19 15 12 11	14 14 20 14 13	46 124 300 356 408	414 355 290 245 166	1 0 5 5 6	22 20 20 20 20 23	9 8 9 10 10	13 14 15 16 16	4 4 4 6 9	143	11 11 13 12 12
26 27 28 29 30 31	15	14 16 16	. 18	422 409 403 384 377	58 23 23 42 37 45	32 22 20 20 20 22	21 16 19 22 26 25	10 10 9 9 10 10	16 15 15 15 15 15	9 11 12 13 13	131 236 390 263 198	10 11 10 13 16 17

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TABLE 28. MURPHY SLOUGH Continued

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11 12 13 14 15	11 11 10 12 13	9 15 14 15	28 14 15 13 13	17 24 15 24 19	188 156 179 181 222	32 34 23 52 116	29 24 22 20 19	14 17 22 17 16	4 3 3 4		11 13 14 15 15	16 15 16 16 14
16 17 18 19 20	14 14 12 14 15	15 16 16 16	10 15 12 22 11	20 19 19 18 18	216 192 220 328 386	64 386 251 144 73	19 16 16 16 16	16 16 14 13 12	3 2 2 4 5		15 15 16 17 18	14 16 14 14 16
21	16 16 14 14 14	15 16 15 15	12 13 18 14 22	19 16 16 18 20	244 184 184 176 211	38 50 44 44 43	15 15 16 17 16	12 10 9 9 8	6 5 5 6 6		18 16 15 18 16	15 14 14 13 13
26 27 28 29 30 31	14 13 14 16 16	14 14 14	12 13 15 20 18	20 20 20 22 22 22	261 158 80 35 57 65	41 45 44 37 32	16 16 17 18 17 18	S 8 7 7 6	6 6 6 6		15 15 15 15 15	13 13 12 13 13
f930—	12 12 12	12 12 12	16 16 15	38 15 15	15 15 16	78 39 37	26 26 26	14 14 15	4 3 3	2 2 6	7 12 13	13 13 13
5	12 11	12 13	16 16	15 15	16 15	38 39	24 25	13 12	2 2	8	13 12	13 12
6 7 8 9 10	12 12 13 13	13 13 13 13 13	18 14 13 13 14	15 15 15 30 49	15 16 16 15 16	120 240 251 230 232	26 25 20 18 18	10 8 7 8 8	2 2 2 3	8 8 8	12 12 12 12 12 12	12 12 12 12 12
11 12 13 14 15	13 14 15 15 15	13 13 13 13 13	14 14 14 16 15	41 16 20 24 17	16 16 16 16	234 235 284 294 266	16 17 17 18 18	6 7 8 7	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 7 7 7	12 12 12 12 12 14	13 14 14 14 14
16 17 18 19 20	16 16 15 16 16	12 12 13 13	14 15 16 16 15	16 16 15 15	16 15 15 16 27	245 231 171 64 41	17 17 17 18 18	9 7 5 5 5	2 2 2 2 2 2	7 6 6 6	14	15 15 15 15 16
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26 27 28 29 30 31	15 15 13 12 12 12	26 16 16	15 15 21 19 60 90	49 39 18 15 15	249 246 255 288 262 178	24 24 24 25 25	14 13 13 13 15 15	4 3 3 3 2	3 2 2 2 3 3	7 6 6 6 6	14 14 14 13 13	16 16 16 16 16

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TABLE 29 PEOPLES CANAL

Location of Intake. At a point 1,000 feet South and 2,500 feet Welt of the Norther Corner of Section 1, Fownship 17 South, Range 22 Last, M. D. B. and M. Delivers water to the stockholders of the Peopl's Ditch Company, a mutual water company Gaging station consists of a foother fige. Equipped with a seven-day water stable recorder in a wooden well.

					2 Divers	don in .	-	reet				
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov	Dec.
1918 - 1 2 3 4 5	203 7 197 0 191 0 191 0 191 0	101 1 101 1 101 1 75 4 89 7	194 7 193 2 195 1 200 8 204 8	129 2 0 0 0 0 0 0 0 0	415 0 440 9 457 9 467 6 388 2	335 1 378 5 373 2 359 1 375 9	310 2 319 8 348 9 365 8 351 1	123 2 121 1 129 5 132 0 118 6	0 0 0 0 0 0 0 0 0 0	139 S 141 G 141 G 153 S 136 O	164 5 183 6 264 1 281 0 311 6	286 0 287 5 287 0 283 5 286 6
6 7 8 9	191 0 178 6 172 8 147 5 141 9	78 9 66 3 109 9 192 8 172 2	202 9 200 3 156 6 94 8 120 7	0 0 0 0 0 0 0 0 0 0	376 4 328 0 296 2 257 9 249 3	334 4 367 7 404 3 372 6 383 9	337 3 320 4 327 6 299 2 283 5	117 7 115 0 112 5 109 2 115 4	0 0 0 0 0 0 0 0 0 0	148 4 178 3 203 1 220 1 276 5	323 0 323 1 336 2 358 0 372 7	305 5 324 4 312 6 265 1 254 6
11 12 13 14 15	135 6 135 6 130 2 135 6 135 6	150 9 132 9 127 2 123 1 126.2	137 5 97 2 138 4 78 9 65 4	0 0 0 0 0 0 0 0 104 1	284 4 302 9 315 1 360 0 380 5	419 9 445 1 459 0 449 4 469 9	254 1 198 9 171 8 167 6 166 5	111 8 104 2 102 4 99 4 79 3	0 0 0 0 0 0 0 0 0 0	261 6 250 2 248 0 239 3 227 7	385 7 388 2 388 2 386 3 391 3	253 7 251 0 249 3 248 4 248 4
16 17 18 19	135 6 130 2 130 2 130 2 130 2	144 3 167 6 170 2 202 6 210 9	117 9 123 8 118 6 107 6 107 4	136 1 176 9 233 6 280 6 301 8	288 5 309 5 318 2 321 1 343 8	393 0 417 4 449 1 454 2 467 2	167 6 180 6 187 6 188 7 187 2	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	226 1 242 6 244 2 243 0 248 0	397 0 402 6 407 6 410 7 383 7	246 7 245 9 245 0 241 2 234 5
21 22 23 24 25	124 5 124 6 118 6 113 0 113 0	215 1 201 1 229 9 193 6 206 8	116 1 150 5 151 2 146 4 138 4	329 6 365 1 435 2 446 3 454 6	344 8 345 7 344 8 344 5 352 2	450 6 407 8 375 2 337 3 324 9	196 2 181 8 176 2 169 8 163 8	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	226 6 205 2 194 7 183 8 176 5	368 3 368 3 370 6 354 0 347 6	233 6 232 8 231 9 230 2 229 4
26 27 28 29 30 31	113 0 113 0 110 2 101 1 101 1 101 0	168 0 186 2 195 4	142 7 189 2 149 1 136 6 149 8 156 6	453 7 425 7 411 5 407 9 418 5	359 7 317 5 331 7 323 7 316 0 308 6	327 7 325 3 332 7 328 9 312 9	157 4 159 9 161 5 154 9 153 1 135 3	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 119 0	170 5 165 9 162 2 158 4 159 2 164 5	310 S 2NF 0 2SS 0 2SS 0 2SS 0	231 1 232 8 233 6 233 6 243 0 254 6
1919 — 1 2 3 4 5	229 1 227 0 225 8 227 0 228 1	206 0 207 0 207 0 207 0 205 0 205 0	200 0 194 0 211 0 212 1 201 0	219 4 222 6 231 2 224 8 257 1	420 9 427 9 468 4 496 3 504 5	349 7 320 2 342 2 343 5 323 3	152 0 150 0 150 0 150 0 150 0	151 0 170 0 120 0 110 6 92 5		19 0 137 9 141 7 126 5 109 7	169 7 162 5 159 8 95 7 86 1	112 9 114 5 132 1 152 7 156 1
6 7 8 9 10	228 1 227 0 227 0 226 9 225 8	205 0 209 0 210 0 212 1 204 4	195 0 198 0 196 0 190 0 192 0	251 3 243 4 257 5 301 0 315 6	485 0 463 5 438 6 433 0 415 2	323 0 311 0 299 2 299 2 347 5	185 9 155 0 154 0 147 3 143 8	Water out		130 8 134 5 135 3 136 9 137 7	97 0 95 7 95 0 97 2 99 5	174 S 199 0 202 3 199 0 202 3
11 12 13 14 15.	224 8 223 7 227 0 228 1 229 1	138 0 192 3 190 2 207 0 198 5	198 0 199 0 205 0 208 0 190 0	320 1 322 3 305 0 303 0 280 6	435 4 475 7 466 6 471 1 439 3	354 0 344 9 314 9 330 2 327 8	155 0 179 0 182 0 149 0 145 6			136 9 136 1 134 5 130 5 130 5	99 5 100 2 101 7 101 1 107 3	202 3 279 1 261 1 290 8 303 4
16. 17. 18. 19 20	228 1 227 0 227 0 227 0 227 0 219 4	210 0 206 0 201 0 205 0 202 0	192 0 204 0 203 0 207 0 210 0	251 3 259 1 274 3 297 7 299 9	432 6 432 7 442 2 411 6 407 8	338 6 338 6 308 6 306 8 310 4	142 1 141 2 170 0 139 6 146 5			132 1 131 3 128 9 121 9 121 7	108 1 110 5 123 3 112 9 106 5	302 5 305 2 304 3 294 4 269 6
21 22 23 24 25	202 2 204 9 215 2 218 4 222 3	200 0 199 0 205 0 199 0 204 0	203 0 205 0 212 1 210 0 208 0	303 8 319 2 339 5 351 3 365 6	386 9 414 5 392 5 390 8 405 4	278 5 267 5 281 2 272 5 269 5	151 0 146 5 155 0 155 0 159 0			118 5 118 5 123 3 128 1 132 9	106 5 106 5 103 3 99 5 99 5	269 2 271 0 271 9 274 6 275 5
26 27 28 29 30	204 0 206 0 206 0 205 0 205 0 205 0	200 0 212 1 192 0	208 0 215 2 219 4 219 4 219 4 219 4 219 4	371 6 371 6 330 3 321 2 340 9	369 6 374 6 395 4 352 3 325 1 308 2	262 5 244 0 217 0 198 6 154 3	192 0 197 5 166 0 162 0 158 0 157 0			140 9 151 9 159 5 162 1 162 1 164 6	103 3 106 5 106 5 112 9 112 9	277 3 276 4 267 4 254 8 235 5 224 4

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TABLE 29. PEOPLES CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.
1922 - 1 2 3 4 5	208 244 235 212 197	223 219 215 215 215 215	168 172 179 180 180	206 204 197 195 182	292 309 304 306 392	337 324 309 350 340	452 453 438 434 429	251 337 291 273 254	21	103 98 99 127 128	243 247 259 261 255	260 258 260 261 264
6 7 8 0 10	186 193 202 106 193	215 215 213 223 254	204 216 215 209 207	168 185 193 203 229	457 486 495 435 336	372 341 323 306 341	425 418 414 400 435	233 176 165 159 158		129 129 130 130 128	250 253 271 254 260	261 269 273 262 259
11 12 13 14 15	198 212 211 213 211	213 191 151 170 196	210 219 213 212 213	228 244 244 239 248	333 404 440 456 484	332 353 374 346 349	423 411 396 391 416	157 176 191 172 68		134 142 177 189 194	270 259 253 253 252	269 242 221 190 150
16 17 18 19 20	220 228 227 209 215	190 185 184 185 186	217 223 184 172 168	246 245 226 214 216	494 516 548 546 546	406 404 403 391 389	426 410 394 381 424	128 137 136 135 136	31	197 185 173 179 180	247 231 223 223 224	156 148 146 161 189
21 22 23	211 209 206 205 203	218 207 197 209 204	186 193 182 192 190	232 238 250 329 270	511 493 531 522 493	395 400 398 412 444	388 336 323 321 308	134 132 135 134 133	70 79 83 90 89	180 181 178 173 170	228 241 245 245 245 245	205 221 222 221 221 219
26 27 28 29 30 31	202 202 201 204 212 222	204 207 194	182 180 174 183 186 187	227 253 279 282 283	471 445 484 493 363 345	456 468 459 436 445	269 257 248 289 273 223	145 134 129 91 93 71	99 107 107 107 105	170 174 197 222 238 256	251 259 260 260 260	219 218 218 225 225 220
1923— 12 34 5	224 224 217 215 213	197 190 187 184 188	174 191 226 225 224	279 274 279 295 260	355 359 382 386 385	346 334 328 373 395	439 415 446 441 431	190 176 162 139 138	64 47 0		145 169 201 221 234	158 174 172 166 165
6 7 8 9	217 216 215 214 215	188 187 187 187 187	216 217 216 210 213	258 280 191 216 192	355 367 370 383 408	392 393 401 417 425	420 405 391 383 359	135 130 127 125 124			229 219 224 231 235	162 160 160 170 170
11 12 13 14 15	216 216 217 213 211	182 188 186 181 180	210 207 206 208 207	142 151 177 186 188	403 400 414 438 466	450 406 412 422 446	328 320 305 303 310	122 123 122 132 95			241 265 275 277 275	158 148 138 140 146
16 17 18 19	210 211 216 223 211	179 179 181 185 187	207 209 213 216 217	192 199 174 151 151	522 531 485 455 430	450 421 402 411 425	328 345 332 292 263	89 89 88 91 99			273 267 262 257 251	149 147 146 145 145
21 22 23 24 25	207 207 205 224 210	187 186 185 185 183	224 223 217 216 220	154 149 142 151 212	369 352 432 470 468	412 406 417 416 416	225 207 208 206 202	100 98 98 98 97 96		16	249 251 237 198 203	147 146 142 139 139
26 27 28 29 20 31.	206 204 192 196 200 204	182 182 178	226 244 259 275 277 268	247 267 328 357 356	402 360 368 359 351 352	432 433 416 424 440	205 191 187 188 202 189	92 92 98 92 75 67		100 118 113 115 128 139	204 170 154 151 152	145 143 144 145 146 144

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TABLE 29. PEOPLES CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	Ju y	A ag.	Sc 4.	Oct.	Nov	Dec
1926 - 1 2 3 4 5	109 106 96 63 48	130 177 167 170 181	229 225 200 188 185	200 190 181 183 215	553 540 549 500 550	432 449 423 354 326	160 169 177 169 100	20 18 0		9 14 14 14 17	7.4 2.2 2.2 2.2 2.3	318 335 344 338 333
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11 12 13 14 15	31 22 6 6	171 194 195 314 335	184 183 184 188 183	315 313 368 379 458	461 435 466 492 466	315 336 342 336 326	151 148 137 114 98			59 62 66 70 72	23 22 22 22 49	302 262 248 226 216
16 17 18 19 20	5 5 5 6 6	295 296 236 223 230	159 155 184 159 179	500 521 509 475 439	482 536 523 577 589	321 297 264 234 197	99 107 116 117 123			74 74 100 89 78	\$7 91 92 93 95	210 196 201 204 201
21 22 23 24 25 .	5 5 4 3	229 240 219 216 215	186 188 185 183 185	447 454 486 481 523	583 581 596 549 485	169 172 169 167 165	128 130 130 123 95			79 79 78 86 94	95 95 99 140 345	194 180 184 179 178
26 27 28 29 30 31	3 3 3 3 2 89	223 225 227	216 211 191 189 190 191	522 520 541 552 553	453 415 403 391 375 411	166 1t 5 173 169 173	79 69 58 43 30 25			92 91 79 78 78	255 422 282 214 304	179 179 179 158 186 184
1927 1 2 3 4 5	192 192 193 193 194	190 191 191 252 302	378 378 378 377 365	371 403 356 317 335	558 586 603 612 613	552 544 530 552 566	537 549 493 495 473	168 142 123 116 111	72 65 52	107 108 103 127	351 388 403 420 441	272 292 290 314 334
6 7 8 - 9 10	203 204 198 190 186	308 294 278 260 235	346 35% 354 369 390	292 289 286 286 290	620 615 589 574 541	618 625 519 442 553	466 455 424 403 410	109 106 103 103 94		137 141 146 150 150	451 481 508 486 348	344 344 343 289 268
11 12 13 14 15	196 208 190 192 192	224 192 189 202 275	367 353 353 352 340	277 280 270 364 353	536 570 592 619 583	572 584 597 607 605	438 442 412 391 350	91 51 79 79 50		146 144 143 143 141	440 486 468 421 365	296 291 291 293 294
16 17 18 19 20	191 191 190 193 198	383 437 294 254 247	340 339 360 361 359	360 353 352 353 368	600 621 588 554 545	594 623 613 599 588	368 371 370 391 405	\$2 82 \$1 70 19		141 137 132 130 128	342 328 270 280 276	291 286 284 280 272
21 22 23 24 25	197 196 196 188 188	213 248 325 367 385	352 344 349 355 360	368 371 375 394 397	473 415 421 463 567	591 611 594 577 589	381 379 359 349 334	0 25 77 82 83		125 125 126 127 131	281 281 279 266 258	257 253 233 208 203
26 27 28 29 30 31	188 190 190 194 198 191	370 358 378	380 380 376 370 370 372	45% 495 506 541 511	613 609 559 544 514 529	587 612 587 541 516	339 339 263 245 21 - 179	93 \$4 \$5 78		134 222 296 310 312 312	250 253 253 251 260	204 202 200 202 209 235

TABLE 29 PLOPLES CANAL Continued

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TABLE 29. PEOPLES CANAL Continued

Daily Diversion in Second-feet

						-10711 111 1						
Day	Jan.	Feb.	March	April	May	Jine	July	Aug.	Sept.	Oct.	Nov.	Dec.
1930 — 1 . 2 . 3 . 4 . 5		34 33 33 41 67	187 198 193 193 203	256 208 187 187 208	315 315 330 326 323	362 351 351 343 399	229 206 194 177 159	74 63		39 57 58	37 31 31 30 30	46
6 7 8 9		79 88 114 134 146	232 179 175 191 184	272 327 328 346 343	323 323 320 304 282	466 427 427 427 427 440	137 103 105 112 115			61 60 62 65 69	29 29 29 29 29	
11 12 13 14 15		134 117 112 106 115	178 175 174 178 132	318 312 327 324 317	259 273 318 326 324	483 504 503 488 470	126 122 116 116 109			70 71 75 82 85	29 29 32 39 40	-
16 17 18 19 20	100 170 175	130 136 139 134 136	159 168 152 142 179	325 324 292 268 316	314 313 313 322 335	439 427 441 349 349	109 88 135 156 130			94 84 92 96 72	46 48 150 242 125	
21 22 23 24 25	175 149 112 88 73	153 173 210 249 241	174 179 182 180 184	349 385 391 415 418	404 445 449 460 467	344 340 347 339 327	104 105 110 112 109			71 70 69 68 65	93 89 93 94 93	
26 - 27 - 28 - 29 30 31	70 65 65 64 50 38	224 210 180	212 256 302 304 292 291	329 360 343 336 321	476 500 507 506 478 397	321 266 234 227 223	105 107 100 93 85 79	,		63 63 63 61 60 59	78 75 72 72 72 8 4	-

TABLE 29. PEOPLES CANAL- Continued Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Mean		Maximum	Minimum	Меап
1918 — Janusry February March April May June July August September October November	203 7 229 9 204 8 454 6 467 6 469 9 365 8 132 0 119 0 276 5 410 7	101 0 66 3 65 4 0 249 3 312 9 135 3 0 0 136 0 164 5	140 9 151 5 144 6 183 7 341 6 397 6 223 9 54 6 3 9 197 9 338 6	1920- January February March April May June July August October November December	218 0 210 0 256 0 346 0 458 0 428 0 334 0 169 0 225 9 372 2 310 9	134 0 171 0 160 0 179 0 318 0 239 0 177 5 0 184 2 267 2	169 \$ 185 1 210 4 237 9 303 8 389 0 230 \$ 64 8 38 6 288 9 291 1
December	324 4	229 4	256 2	The year	458 0	0	208 9
January. February March April. May. June July. August October November December	229 1 212 1 219 4 371 6 504 5 354 0 197 5 170 0 164 6 169 7	202 2 2 138 0 190 0 219 4 308 2 154 3 139 6 0 19 0 86 1 112 9	220 2 201 1 204 6 295 0 423 1 300 3 158 8 20 7 131 6 109 6 237 3	1921 January February March April. May June July August October. November December	293 241 368 485 490 429 381 174 214 231 327	170 198 243 81 298 296 175 0 0 129 151	232 211 314 212 411 392 262 52 52 156 202
The year	504 5	0	192 0	The year_	490	0	211

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TABLE 29. PEOPLES CANAL Continued Summary of Monthly Diversion in Acre-feet

	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January February March	8,648 8,403 8,878 10,912	13,517 11,151 12,561 17,527	10,435 10,633 12,916 14,137	14,262 11,706 19,297 12,595	12,834 11,282 11,872 13,772	12,987 10,252 13,584 13,064	6,13% 6,839 7,5% 13,868	11,492 12,858 13,662 23,159	1,639 11,809 11,730 23,742	11,544 15,527 22,226 21,851	12,270 11,108 14,038 19,149	4,152 7,776 10,936 13,641	2,760 7,263 12,131 18,673
May . June July August	20,970 23,031 13,749 3,348	25,071 17,838 9,719 1,275	24,176 23,111 14,171 3,978	25,283 23,285 10,064 3,182	27,185 22,578 22,978 10,027	21,902 24,277 18,802 6,932	7,193	30,387 27,508 16,377 5,053	30,947 16,549 7,269 75	34,549 34,276 23,553 5,350	27,373 16,570 8,720 255	27,577 19,795 9,128 996	20,467 7,620 1,620 1,620
September October November December	235 12,151 20,115 15,729	8,078 6,514 14,567	2,372	5,047 9,302 12,403	1,960 10,078 14,824 13,686	220 1,443 13,306 9,304	1,863 9,710 11,856	10,456 9,036 9,203	3,971 6,217 14,943	350 9,627 20,959 16,620	3,087 3,229 2,96%	12 12 E	3,500
Totals.	146,169	138,746	150,959	152,406	173,075	140,073	83,021	170,403	128,791	217,131	119,067	100,527	101,609

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TABLE 30. RELD CANAL Continued Daily Diversion in Second-feet

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Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1919	==:		17 1 11 7 9 2 9 2 16 8	50 2 57 1 47 1 48 3 49 8	32 4 59 6 52 1 62 3 48 2	38 3 34 9 34 9 33 9 45 1	3 \$					-
6 7 8 9 10			17 2 12.7 15.0 15 0 15 0	55 2 41 0 34 5 27 5 24 8	63 4 64 1 63 0 56 0 51 2	39 4 45 3 41 9 28 3 27 4				••••		
11 12 13 14 15		0 4 27 4 34 6 23 1 11 0	15.0 15.0 15.0 5.6 21.8	24 S 24 S 34 4 22 3 1S 8	44 5 40 2 49 4 54 5 48 0							
18		7 1 5 4 11 5 13.8 15 2	36 5 32 6 26.1 21 1 19 8	13 0 2 9 1 2 0 S	48 7 49 8 53 7 52 5 45 3	15 7 14 3 14 0 13 1 12 2						
ú)		14 7 13 3 13 1 14 3 11 4	20 4 27 1 28 6 22 1 19 5		41 4 42.3 54 0 54 0 54 8	11 7 10 9 10 2 9 3 8 1	==					* = _ =
26 27 28 29 30		15 0 15 0 15 7	29.7	0.2	57.6 60.5 52.9 49.8 48.7 44.2	6.2						
1920			5 2 21 5 14 7	0 0 2 3 2 4 4 5 0	6 6 17 4 14 1 11 7 13 7	34 3 35 5 42 0 40 8 38 2			-			
8			5 6 4 5 3 9 3 7 4 1	5.7 6.4 7.1 7.9 8.7	20 8 17 0 28 2 34 6 37 8	40 S 41 9 38 2 38 6 37 5	11 0					
11 12 13				9 2 9 2 7 3 7.5 8 2	31 4 22 0 20 8 19 7 14 2	36 9 37 8 35 5 33 0 31.9	8 1				,	
16 17 18 19 20				6 8 36.6 45.9 25 8 11 7	14 9 29 7 46 1 62 8 65 2	34 0 17 4 18 5						
24			6.5 39 2 64 8 36.8	S.1 6.0 4.7 3.8 3.3	73 2 49 4 54 7 43 1 48 3	33 4 35 1						
26 27 28			15.7 19.8 44.4 31.6 19.8	3 3 3 1 2 9 2.9 2.8	45 7 47 6 50.6 48 4 46 2 34 3	24 2 14 4 13 5 13 8 13 5						

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TABLE 30. RILD CANAL Continued

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1 S 18 12 2 S 18 13 4 13 14 222 5 20 9 20 6 9 54 5 16 7 9 54 5 16 17 8 42 34 13 14 14 12 14 12 14 12 14 12 14 14 12 14 14 12 14 14 12 14 14 12 14 14 12 13 14 14 12 14 14 12 14	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	April	March	Feb.	Jan.	Day
7. 9 54 5 16 8 42 34 13 13 9 0 37 23 13 13 10. 24 33 17 12 11. 20 22 30 10 12 65 5 36 10 13 64 12 38 10 14 1 25 6 15 14 14 1 25 6 16 54 35 18 4 17 51 21 18 18 17 18 34 18 22 19 36 39 18 20 31 31 31 21 2						14 22	18 7 14	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					3
13 64 12 38 10 14 52 32 33 8 15 41 41 25 6 16 54 35 18 4 17 51 21 18 4 18 34 18 22 19 36 39 18 20 31 31 15 21 13 46 14 22 12 19 15 22 12 19 15 24 13 13 13 25 13 31 11 26 12 21 7 27 13 3 6 22 9 6 8 30 7 5 10 31 1 0 7 22 2 2 2 2 2 2 2 3 12 3 12 9 3 6 3 10 2 5 3 12 2 6 13 1 5 19 0 0 <						16 13 13	5 13 13	34 23	42 37				7. 8 9
19						10 10 8	36 38 33	12 32	65 64 52				12 13 14
21 13 46 14 22 12 19 15 23 12 8 14 24 13 13 13 25 13 31 11 26 12 21 7 27 13 3 6 28 14 6 7 29 9 6 8 30 7 5 10 31 8 10 1924 1 0 2 1 1 0 2 2 2 23 3 3 19 3 6 4 2 2 23 5 2 20 3 6 2 21 3 19 8 3 12 3 19 9 3 6 3 11 1 2 6 13 1 12 2 6 1 13 1 5 1 14 0 4 1 15 0 0 1 15 0 0 0							18 22 18	21 18 3µ	51 34 36				16 17 18 19
26 12 21 7 27 13 3 6 28 14 6 7 29 9 6 8 30 7 5 10 31 8 8 8 1 1 0 8 2 2 2 2 3 2 2 2 2 4 2 2 20 8 5 2 20 8 9 6 2 21 2 8 7 3 19 9 3 6 8 3 12 9 3 6 9 3 6 9 6 10 10 11 2 6 10 10 10 10 12 2 6 10 10 10 10 10 15 0 4 0 4 0 0 0 19 0 0 0 0 0 0 0 22 0 0 0 0 0 0 0 0 0 0 0 0<							15 14 13	19 3	12 12 13				21 22 23
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TABLE 30. REED CANAL - Continued

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Day	Jan.	Feb.	March	April	May	June	July	Aug	Sept	Oct.	Nov.	Dec.
1927												_
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5				4 9	54 56	43 51	40 32				-	
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TABLE 30 REED CASAL Continued

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TABLE 30. REED CANAL—Continued

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1930	P P P	362	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	988
1929	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	939	1 1 1 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1,495
1928	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,008		1,303
1927	1 1 20	1,465 2,241 737		6,114
1926	986	1,966	5 P P I I I I I I I I I I I I I I I I I	2,990
1925	3 1 1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1,796	0 0 0 1 2 2 7 1 3 0 5 1 5 0 6 0 1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1	3,451
1924	1 1 1 9	303		349
1923	1,342	1,283 954 396		3,975
1922	414	1,455		4,310
1921	543	2,814	0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5,980
1920	677	2,115 1,857 339		5,499
1919	1,331 1,162	3,168	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7,424
1918	ा देव हैं। जिस्कार जिस्कार	1,683 2,081 543 164	72 123 56 404	6,340
	January February March April	May. June July August.	September October November December	10(8)

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TABLE 31. STINSON CANAL Continued
Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	\ug.	Sept.	Oct.	Nov	Dec.
1920 - 1 . 2 . 3 . 4 . 5			66 6 149 0 70 3	12 7 1 9		204 2 187 9 179 3 177 8 174 8						=
6 7 8 9 -			46.3			176 3 178 6 172 6 169 6 173 7						
11 . 12 . 13 . 14 . 15						172 6 166 0 163 6 164 2 171 8						
16 17 18 19 20				133 3 232 3 127 3 48 2	129 6 255 3 300 0	188 0 66 7 55 3 31 6 26 0						
21 22 23 24 25				14 9 0 1	254 4 214 9 228 8 249 0 279 9	44 5 54 3 48 1 31 6 29 7						
26 27 28 29 30 31			39 1 140 3 82 3 42 7 28 9		240 1 285 2 286 2 274 1 248 6 246 4	22 5 16 8 10 2 7 0 4 7						
1921 —			•0 0									1
1		17 16 14 20	25 35 36 64	3 5 1	146 200 183 138 113	52 53 58 57 55	60 45 33 24 18					
6 7 8 9 10		15 9 7 7	81 60 41 25 13		88 69 51 34 25	57 59 61 60 58	13 9					-
11 - 12 13 14 15			5 5 12 188	 1	18 15 64 181 191	5% 60 60 60 5%						
16 . 17 18 . 19 20	11 164		186 112 50 25 7	2 2 3 3 3	172 157 155 147 137	56 50 53 46 34					-	
21 22 23 24 25	170 116 67 35 22		2	4 5 8 9 4	108 62 48 48 35	23 94 153 210 215						
26 27 28 29 30 31	17 12		1 2 2 2 2	5 5 5 54	36 130 193 163 147 161	111 113 100 <u>\$7</u>						

TABLE I STIN - NO LANGE Continued

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TABLE 31. STINSON CANAL - Continued

TABLE IL STINSON CANAL Continued

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TABLE 31. STINSON CANAL—Continued Daily Diversion in Second-feet

1929 - 1 2 3 4 4 5 6 - 7 8 9 10 11 12 13 13 14 15 16 16 17 18 19 20 21 22 22 23 24 25 5									
2 3 4 5 6 6 7 7 8 9 10 11 12 13 14 15 15 16 17 18 19 20 21 22 23 24									
4 5 6 7 8 9 10 11 12 13 14 15 15 19 19 220 22 23 24									
7 8 9 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
8 9 10 11 12 12 13 14 15 16 17 18 19 19 22 23 24 24 24 2									
12	1 =				-				7
15			**						
17 18 19 20 21 22 23 24									
21 22 23 24				3 95	9 76 25				
24				110 110 57				-	
		-		13	-				
26 27 28									
29 30 31						-			

TABLE 1 STINSON CANAL Cont. ued Summar of Monthly Divers on In Second-feet

	-	9	100		Ma	М	Mrsa
1919				1923			
		3.00	1.4	(miles)			
1	10.4	33	111	E	314	3.9	6
Time-	75.7	21	3	M	3	2.1	6
110	2 2	0.01		VIII	3.	- 2	4
Terre	100.0	- 110	4	N(1)	A	- 6	- 1
4				Acres 1	100		1
1919							
1 0	1 1 1 1	3000	7 4	Timeson	35 at	0	-
Mar	10.0	200	1 1 1				
1141	-302	220	2.0	1925	7 -00		43
Ma		22.	. 1	M s	- 2	2.1	33
Time.				1.00			2.7
The rest		345	14.3	15-1-2	et .		10
1929				1925			
11	4	630	4.4	1745	3 - 3		6.6
1	12.7	200	15 (Mai	100	•	119
Me	10.00		100.7		- 7	0	0
-	247	4 1	100 1		266		1"
				Ĭ	4.	0	3
The Presi	1	(8.8)	.11				
				Limit AUT.	3		15
1921	100.0		100.00	1927 -			
paralle and the same of the sa	77.5	250		0.0	-4		5.1
M	94.5	- 30	(1)	NE .	-		11
1	-		4		15.	1.5	3.4
AL	1,000	3.00	1 1 1	Mail	1 6	4	-
tion .	701	0.111	20.4	Tribution.	14		6.3
	100-11	No. or v	7				
				100100	4	4.1	13
Topic		200	21.2	1.0.00			
1922				1929	6.9	-	3
Ma	100.00	1000	4.00	Ma		100	31
	5,5		- 0.0		49		1
Ma	-9.3	9000	114				
	6.6	4	0.0	The year			3
	-	2001	IVE				
				1979			
Charge Co.	29 H	0.00	10.6	Ma	1.48		- 14
				3-00		A()	-
				The Laws	100	- 6.1	1
				100	1.00		1

TABLE 31. STINSON CANAL Continued Summary of Monthly Diversion in Aere-feet

													0000
	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
				1916		2.480					i	1	
January February	1	963		208	, 9	2,704		,		2,643	906	-	
	984	355	1,131	265	1,369	5,528	uoi	> 1 2	2,887	2,023			uo
May.	5,143	7,389	6,916	6,762	6,983	2,542	riaviQ	5,245	6,098	4,308	703	768	ierovil
July	107			400	1,990	1,196	o.Y.						0.0%
September October November	1.			; ;) 1 1 1)			1,030				
December Totals.	10,053	10,467	15,847	15,333	11,947	16,712	0	7,185	10,142	13,544	1,194	986	

TABLE 32 SUMMIT LAKE RIPARIAN CANAL

				Dati	ly Diver	uon In S	er nd	-leet				
Line	Jan	F	\f .	4	Vaj	1	Jishi	I tue	-	-	1,	[hee
1920												
1920 1 4 .5												
3												
7												
						10						
11 15 1 14 15												
15						3						
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					11 5	3 2						
1					1 5							
-					117	5						
. 4					4 4 7 5							
					4.3							
11 												
1921 1					3	1/						
4					1 1 1	1/ 17 15 18 18						
20												
4					1	14 11 12						
1					1							
1 t 1 1 t						1 1 1 3 3						
					100							
1					1	14						
-					-							
-1						1						
1 1 4					4 0 1 1	-01						
E												
1				1	10							

TABLE 32. SUMMIT LAKE RIPARIAN CANAL Continued Daily Diversion in Second-feet

							CAC COTTO					
Day	Jan.	Feb.	March	April	May	June	July	Nug.	Sept.	Oct.	Nov.	Dec
1922-												
2						11	12					
3						1 I 1 I	12 13					
4					7	11	10					
5					8	12	9					
6					9	0	10					
6 7					12	9	12 11					
8					8	8	ii			L		
9					11	8 7	7					
10					8	7	7					
11					7	7	2					
12												
15					5 8 5	6 7 7						
14												
15					14	6						
16					16	7						
11					9	7 7						
18					16							
20				**	9 8	8	ļ					
					· ·							
21					7 7 7	8						
22					7	7						
0.					14	9						
25					14	11						
26					13	18						
28					8	16 18	1					
29					11	12						
30					11	6						
31					11							
1923-												
						13	10					
2						11	12					
					10	11	13					
					10	12 12	12 7					
0								1				
6					10	13	5					
(11 11	13						
					11	14						
10					12	15						
						40						
					12 12	18 18						
					13	18						
					13	16						
					13	16						
16					14	15						
17					14	10						
18					14	9						
19					15	8						
20					15	8						
21					15	7						
22					12	7						
					15 15	$\frac{7}{7}$						
24					15	6	********					
-0					4.1							
26					15	6						
27					15	å e					*** ***	
28					14 15	5 7 5						
30					15	5						
					15							

TALLE 2 S MIRITTAKE RIPARIAS CASAL Communical

Da I ero Se seet

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4					ii.						
					17						
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3					Щ						
4						36					
-						201					
*						4-0					
9						. 					
1925					2						
3						121					
ñ					7						
					-						
a					11/2						
-					- 5						
-											
1975											
1					- 6						
1					1						
					1 6 4						
- 0					1						
100											
4											
14											
17.				1.0							
4				2000							
30					- 6 8 •						
-											
4					4						
-											
				9							
				4							

REPORT OF KINGS RIVER WATER MASTER 241

TABLE 32. SUMMER LAKE RIPARIAN CANAL Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.
1927 -					20. 4	22.0	12 6					
٠)					26 8 29 8	33 0 24 0	13 S 13 S 13 S					
3			4000-0		33 0 33 0	43 6 26 8	13 \$					
5		21 6	4		29 8							
6					36.0	13 8						
8					39 8 18 8	13 S 21 4						
9					14 0	21 4						
10					9.6	21 4						
11 12					14 0 33 0	29 8 29 8					7 6	
13					18.8	18 8					7.6	
14					21 4 14 0	18 8 43 6						
16					19 5 14 0	18 8 16 4					11 G 14 O	
18					9.6	16 4					9.6	
19 20		32 6			9 6 13 8	39 S 13 S					7.6	
					13 S	13 S						
22		9 0			13 S 12 0	7.6						
23				=	12 0 12 0	2 2 13 8						
25					12 0	2 2						
26				21 4	12 0	2 2						
27				26.8 33 0	12 0							
29				33 0	12 0 12.0 12.0							
30				33 0	43 6 33 0							
					30 U							
1928						2.6						
2					20 6							
3 4												
5												
6												
8					11 0 20.6							
9					20.6							
10					5 7							
11												
10												
14 15					97.0							
16					29 S 33 8							
18					5.7							
19 20												
21												
99												
23												
25												
26												
27					11 0 16 0							
			9.0		10 7							
30					16 0 16.0							
01					10.0					1		

TABLE I SUMMIT LAKE RIPARIAN CANAL Continued Dail Diversion in Second feet

In In	L'est.	Sal	Jell	11.01	No.	to the	Lug	les:	ict	\ =	I had
1925											
13-											
6											
9-1				1							
0.				٠.							
				6 m	1.7						
2				12.							
				4							
. 6											
5				11 9 16 1							
1				1							
1930											
2											
-											
4					- 12						
1 1 2 1 4 1					<u> </u>						
1.0					-14						
-											
-											
1											
-				1							
1				1							

TABLE 32, SUMMIT LAKE RIPARIAN CANAL Continued
Summary of Monthly Diversion in Second-feet

	Maximum	Minimum	Mean		Maximum	Mimmum	Mean
1920— May June	21 7 9.6	0	2 7	1927 — February March	32 6 0	0	2 0
The year	21.7	0	0 3	April	33 43 6	9 6	4 9 20 2
1921— April May June	10 21 20	0 0 0	1 12 11	June July November The year	43 6 13 8 14 0	0 0 0	18 0 1 3 2 0 4 0
The year	21	0	1 9	1928~ March	10 9	0	6
1922— May June July	16 18 13	0 0 0	9 9 3	April	33 S 2 6	0 0 0	0 8 4 0
The year.	18	0	1 8	The year	33 8	0	.7
1923— May June	15 18	0 5	12 11	May June	53 17	0	12
JulyThe year	13	0	2	The year	53	0	1
1925 May	36	0	16	May June	38 53	0	3 7
June	23	0	2	The year.	53	0	1
The year	36	0	6				
May The year	36	0	13				

TABLE 32 SUMMER CAST REPARENCES CAST Continued

	1	No.	Ti-	i i	ñ	Ĭ.	1	Ī	1	-	į.	į
7.		1.0	÷ = 3	9	7.3	-	10	<u> </u>	7	3"	E.	7 17
1.00				ī	9	ale,						
									100			
100		F	1		1 6		3 5 6	3 6	-0	N.	1	-

TABLE 33. TURNER-RIVERDALE CANAL

LOCATION OF INTAKE: At a point in the Southerly hank of Murphy Slough I 100 fe t South in I I 250 feet East of the Northwest corner of Section 16. Fown hip 17 South, Range 20 I at XI D B. in IXI Delivers water to the Riverdale Irrigation District

Gaging station consisted of a footbridge across the canal about 100 feet below the headgate, until the beginning of the year 1930 when a new bridge was constructed just above since headgate. The latter location is not entirely satisfactory.

A full year record is not available for this canal. Because of the difficulty in measuring mall flows of water in canals with comparatively large cross- ections, it was the intention to keep the record only when the diversion of Murphy Slough at the intake was greater than lifteen second-feet. This limit, however, was not strictly adhered to.

Records of diversions are available for the following period of the years 1918 to 1930, inclusive

Year 1918 March 15 to September 18 Year 1919 February 11 to July 20 Year 1920 March 3 to July 15 Year 1920 March 3 to July 15 Year 1921 March 2 to July 14 Year 1922 March 18 to July 19 Year 1923 April 7 to July 16 Year 1924 April 1 to May 21 Year 1925 April 15 to June 30 Year 1926 April 16 to June 10 Year 1927 March 7 to July 21 Year 1928 April 11 to June 11 Year 1929 April 18 to June 11 Year 1929 April 18 to June 20 Year 1930 May 15 to June 25 th a seven-day water stage recorder in a

Equipped with a seven-day water stage recorder in a wooden well.

				Dan	y Diver	31011 111	second-	1000				
Day	Jan.	Feb.	March	April	May	Jane	July	Aug.	Sept.	Oct.	Nov.	Dec.
3 4				26 5 27 2 27.5 27.2 26.8	64 7 61 3 72 6 83 0 139.3	49 6 81 4 124 4 145 0 148 5	23 3 17 6 16 0 26 9 34 1	0 0 0.0 1 0 2 9 13 2	0 0 0 0 1 7 9 0 7 3			
7 8 9				26 8 26 8 26 8 33.5 39 2	205 0 205 0 170 8 144 7 125 3	156 0 166 1 166 1 154 3 145 0	26 8 25.0 19.3 25.5 21 5	11 4 12 3 11 7 11 2 10 6	7 3 7 3 7 0 7 0 7 6			
			33 4	42.1 43.1 41.4 41.4 43.8	101 0 76 2 72 3 131 6 114 4	129 8 113 1 112 2 94 4 64 9	16 3 12 2 10.1 8 1 6 9	10 3 10 1 9 8 10 0 9 8	8 4 8 7 9 5 10 1 9 5			
17			34 8 34 8 35 6 31 0 26 5	36 5 35 6 37 6 41 4 44.5	135 7 110 3 104 6 105 2 107 2	100 S 93 5 99 4 104 2 105.9	6 5 6 3 6 3 8 4 8 7	9 5 7 8 7 6 6 8 1 2	9 0 9 8 7 6			
22			25 1 24 4 24 4 24 4 24 4	44 8 48.9 51.9 55 2 73 4	121 0 132 0 136 2 134 1 133 0	105 9 118.6 120 3 107 3 92.1	5 8 5 5 5 8 5 5 4 0	0 0 0 0 0 0 0 0 0 0			-	
28 29			24 7 24 4 25 4 25 8 25 4 25 8	89 7 70 1 57 5 52 8 57 0	132 0 127 0 107 4 70 5 55 4 50 6	65 8 50 4 35 9 33 5 27 8	3 5 2 8 2 0 1 9 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0				

TABLE D. ITRNER-RIVERDALL CANAL. Continued

Da y Divers in the indiffert

(See	14	1	Meth	l r	Ma	1	2	1.02	hept	(bet	\	11ee
1919			17111	4 6	v-1 4 5 6 6	100000	8					
				- 4	144	2	16 4 15 1 1 2 1					
4		Ž.		6 6	1		6 1 6					
# 1			=======================================	t . t .	10	- 6 - 3 - 9 1 9 - 9	1 7					
4		1	4 4	t t	1 4 "	4 5 1 1 4 1 4						
		81	and a		1 4 = 1 A =	1 0						
1929			1 t 4	11	4 4	4	46					
			4 "	1 1 4 4 4	T t 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 *	4 . 1 . 13 .					
4				6 - 0 			4 3 0 3 3 0					
9			The same	6.6		1 6 51						
4			4	6	-4 1 - 4							
100mm			UC SON	DIT OF THE	6 6 0 6							

TABLE 33. TURNER-RIVERDALE CANAL Continued

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1921— 1 2 3 4 5			30 60 69 82	53 44 64 79 72	179 180 153 147 129	115 47 85 76 110	46 39 43 39 20		:			
6 7 8 9			79 78 68 50 47	52 60 66 58 61	114 83 61 45 50	133 107 92 49 47	16 18 33 39 22					
13			39 34 37 122 144	54 57 55 56 54	67 123 187 225 232	52 87 113 135 156	21 18 16 8					
18			114 86 76 84 78	50 54 63 61 71	254 265 231 154 82	143 81 75 40 35						
42			72 58 49 54 48	76 66 26 89 70	64 114 101 102 92	49 129 158 161 156						
29 30			47 49 47 50 53 56	28 29 61 133 155	113 191 238 218 220 209	133 112 112 112 99 85						
3				47 46 43 40 37	159 173 182 198 205	57 28 30 35 41	150 163 163 156 150					
8				35 32 29 25 22	206 180 180 155 110	47 52 54 54 54 55	142 140 124 125 122					
12 13 14				19 16 14 14 13	76 61 54 60 77	55 56 57 60 61	83 50 33 21 17					
17 18 19			65 72 75	13 14 13 13 12	90 73 80 90 100	63 87 115 141 135	19 21 20 16					
22 23 24			72 69 68 72 68	14 20 16 19 30	110 123 136 147 129	108 119 135 143 144						
27			55 53 55 59 55 47	45 59 85 111 121	136 94 63 62 66 69	147 151 139 124 151						

Da. In er. vi. Se. | leet

a b	Auto	Allen-	100	4	1/4	, No.	1 6	\	Dis.
1123				47					
1		2	- 41	- 1					
1			- 4	-					
1023		1	4	- (
1		Faller	0	-					
6	- 1	-55	4	1					
	MI	336	= 4	1 10					
				20.00					
			15						
6	12	100	4	15					
	100	100							
		1,00	100						
200	1.99	15	4						
3	130	7.6	1						
70 F 10 F	STATE STATE	114							
	6	11.14	Section 2						
2	25	1	1.2						
16		150							
	73	100							
	6	785	No.						
	- 4		- 71						
•	4_		16						
		MIN							
1024	112								
7	1 4	1							
1	- 0	11.7							
	12								
1	Same action	- 2							
9		4							
	- 0								
9	.03	-4							
	- 12	1,0							
4	985	4							
	4	=4							
	4								
	4	4							
8									
6									
•									
	-								

TABLE 33. TURNER-RIVERDALF CANAL Continued
Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1925 —												
3 . 4					21 14 0 72 206	231 208 146 104 93						
6 7 8 9 10		••••			179 210 226 222 195	29 35 25 23 49						
14			-		159 93 63 27 50	85 96 128 167 184						
19				0 45 72 65 57	47 31 63 105 114	146 63 44 46 44						
24				48 42 32 31 31	100 104 75 127 172	56 56 34 27 32						
28				22 20 23 25 23	222 260 265 258 260 251	32 30 23 12 3						
1926 -					197 177 165 197 221	30 41 38 18 8				-		
9					226 197 100 32 7	15 25 28 26						
15					4 29 34 62 102	,	-	-				
20				31 112 124 124 65	155 192 206 203 181			-				
23 24 25				39 61 146 175 219	216 210 184 167 139							
40				249 245 238 223 205	69 21 7 14 21 25							

TABLE 31 TURN R-RIVERDALE CANAL Continued

•	_				-	-		_	_	_
Im on	100	4	114	Zune	2	4 -4	-) int	1	300
1927 — 1		THE PERSON NAME AND PARTY		111 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10					

TABLE 33. TURNER-RIVERDALE CANAL Continued

Daily Diversion in Second-feet

March April May June July Aug.

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1929 -						18						
3					2 6 17 25	17 17 11 10						
9					37 40 47 41	12 10 12 11						
10 11 12 . 13 14					108 87 81 91	12 14 10 10 10						
16					108	41						
18 19 20				16 16 16	105 110 139 176	65 189 98 56						
21 22 23 24 25				6	149 87 85 82 99					-		
26 27 28 29 30					128 110 52 29				• •			
1930—					29	07						
1 2 3 4 5						27 28 26 1			. 1			
6 7 8						17 86 109 110						
10						108 112 114 134						
14 15						143 136						
13					11 11 11 11	122 117 105 64 31						
23					31 96 103 100 105	17 14 15 16						
26 27 28 29	-				103 102 109 120 119							
31			-		79			-		-		

IMB TREE BUILDING CASA CORRECT

Summary of Shorth Wiers with I refret

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	7.55	1
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1	, ,	1
8	3 381	5
2	15 311	
8	52 537	101
	31 Tu	19,000
	182 384	COURS.
	93 35/4 4	٠
		1

TABLE 34. TULARE LAKE CANAL AMPIRE CANAL No. 4

LOCATION OF INTAKE At point 1400 f tS ut in 2 t0 fe 1 r t N r 14 error S t 20. Township 20 South, R ngc 20 f t, M D fs M D fs M D fs water to the Southerly potential t 1 m r R h t r 1 r t B 1 M r 1 r t taining 18,712 acres on the ear terry is of th S uth l K R v r B cy slt imit if th 1 n pur Ranch this canal serves quite in eye ve are in the n r h r y indictive portion the later 1 n Basin.
Gaging station consists of a weden feel rid
Equipped with a seven-day water it go recorder a reconcret will

1922					Du:	ily Dive	rsion in	Second	-feet				
1	Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
5. 398 43 148 6. 371 35 148 6. 375 45 46 56 5 9. 469 48 67 10. 376 40 63 11. 391 32 56 112. 392 32 56 113. 220 322 18 46 114. 198 151 10 47 115. 116 116 116 18 47 116. 40 31 313 10 47 117. 30 33 154 69 40 118. 30 65 151 50 40 119. 0 65 151 15 40 40 119. 0 65 151 15 40 41 119. 0 65 151 15 40 41 119. 0 65 151 176 32 20. 25 76 111 76 32 21 185 22 22 22 21 185 22 23 23 22 23 22 22 22 23 23 23 23 23 23 23 23 23 2	1 2 3					531 639	30 62	106 327					
\$	5 6				*******	398 371	43 35	148 110		*****			
13. 120 229 18 49 14 116 115 115 10 47 115 116 116 118 47 116 116 118 47 116 116 118 47 116 116 118 47 116 118 47 117 118 119 11	S 9 10			****		467 499 376	56 48 40	76 67 63					
14	12 13 14	*	198			302 229 151	18	44 49 47					
24 69 23 S2 27 105 25 30 83 27 97 26 30 109 12 91 27 35 157 4 70 28 38 218 25 53 30 33 355 16 123 31 34 26 31 1923- 1 0 12 1 0 132 4 136 3 5 156 3 6 176 156 7 180 3 8 192 9 9 8 182 10 23 161 11 42 104 12 92 77 13 139 233 78 14 140 233 79 15 156 229 83 16 164 222 69 17 21 12 12 21 12 12 12 22 149 62 13 13 13 13 19 15	18	*	30 0 0	61		151 171 151	63 54 90	40 40 41					
26. 30 109 12 91 27. 35 157 4 70 28. 38 218 28 53 29. 35 281 25 65 30. 35 355 16 123 31. 34 26 1923- 1. 0 1. 0 146 2. 146 132 3. 132 132 4. 136 156 5. 156 156 6. 176 176 7. 180 180 8. 192 9 9. 8 182 10. 23 161 11. 42 104 12. 92 77 13. 139 233 78 14. 140 233 79 15. 156 229 83 16. 164 232 69 17. 236 72 18. 213 91 19. 152 83 20. 144 79 21. 132 74 <t< th=""><th>24</th><th></th><th>126 93</th><th>23</th><th></th><th>9.0</th><th>93 97 105</th><th>8</th><th></th><th></th><th>******</th><th></th><th></th></t<>	24		126 93	23		9.0	93 97 105	8			******		
1923	26 27 28 29	*********		35 38 35 35	109 157 218 281 355	12 4 28 25 16	70 53 65						
5 156 6 176 7 180 8 192 9 8 10 23 11 42 12 92 13 139 14 140 233 78 14 140 233 78 15 156 229 83 16 164 232 69 17 236 18 213 19 152 20 144 21 132 21 132 22 149 23 150 24 112 28 20 24 112 25 203 27 196 28 196 29 201 21 13 23 196 29 201 21 13 23 196 29 201 23 196 23 196 23 196 23 196 24 112	1923— 1 2 3		*******	*******			146 132	~~~~~	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				
11	6						156 176 180 192						
16. 164 232 69 17. 236 72 18. 213 81 19. 152 83 20. 144 79 21. 132 71 22. 149 64 23. 150 44 24. 112 28 25. 203 17 26. 263 7 27. 196 5 28. 196 9 29. 201 13 30. 203 6	11 12 13	**********			42 92 139								
21 132 71 22 149 62 23 150 44 24 112 28 25 203 17 26 263 7 27 196 5 28 196 5 29 201 13 30 203 6	16 17 18 19		*******		164	232 236 213 152	69 72 91 83						
27 196 5 28 196 5 29 201 13 30 203 6	21 22 23 24					132 149 150 112	71 62 44						
	27 28 29					196 196 201 203	S 13						

TABLE 34 TUTARF LAKE CANAL IMPIRE CANAL No. 4 Continued
Daily Diversion in Second-Seet

[-7	I _A	3=	M-	1	4	2 - 11	J	1-6	hept	eq	100	Der
1) 27 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Α		W.			15 160 17 17 17 17 17 17 17 17 17 17 17 17 17	344 327 328 338 347 72 72 0 0	1-4	hepd	req	Not	Der
1 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					2 2 1 1 3 1 6	13 -13 -15 -14						

TABLE 14 TULARI LAKE CANAL EMPIRE CANAL No. 4 Continued
Summary of Monthly Diversion in Second-feet

	Ma	М	И
1922			
2(-		1"
16	333	1	214
1100	1,3	1	34
J	1.7	- 9	1.
This year.	188		- 0
1973 -			
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5.1	I v		1 2
-			
(in)	1901	- 6	14
1927			
1	54	13	1 9
	. 14		100
The residence	5.6		13

TABLE 34. TULARE LAKE CANAL (EMPIRE CANAL No. 4) -Continued

	1930	noteravib oZ
	1929	aoistovib oZ
	1928	aoistavib o Z
	1927	9,773 12,145 3,673 25,591
	1926	№ огоон
	1925	broom oX
Acre-feet	1924	noistevib o ^N
ersion in	1923	0,884 5,003 13,400
Summary of Monthly Diversion in Acre-feet	1922	1,984 1,020 2,612 13,387 3,413 3,509
ary of Mc	1921	broost oX
Summ	1920	b10391 o.Z.
	1919	b10991 oX
•	1918	b10091 aN
		ary unky h h l l st series moder Totals
		January Pebenary April May May June June Poptember Cetober December Totals



CHAPTER 1H

CENTERVILLE BOTTOMS DITCHES

No data were obtained on the Centerville Bottoms ditches until 1920 when a series of measurements were made of the diversions of the ditches and pumping plants. In 1921 and 1922 no records were secured, but early in the year 1923 the board of directors of the Kings River Bottoms Water Users Association requested the Division of Water Rights to keep a record of the diversions in the bottoms during an eight months period beginning March 1st and ending September 30th. These were repeated in 1924 and 1925 and discontinued in 1926 on all except the Hanke Ditch. In 1927 measurements were taken on the Hanke, Fink, Harris Slough, Byrd and China Slough ditches. In 1925 measurements were taken on all ditches in connection with the administration of a tentative schedule and continued through the years of 1929 and 1930.

(257)



TABLE 35 BYRD DITCH

		=			,	sion in ;	CACCOTICI-	1000				
Day	Jan.	Feb.	March	April	May	June	July	Aug.	>ept	Oet,	Yor	Dec
1923 - 1 2 2 3 4 5			12 5 12 5 12 5 12 5 12 5 12 5	17 0 17 0 17 0 17 0	14 6 14 6 14 6 14 6 14 6	1. 5 19 4 17 4 15 % 20 %	21 % 25 2 28 ° 22 2 20 %	30 0 30 0 28 26 8 26 1	22 2 20 8 15 4 17 0 17 0	11 6 12 5 12 5 1) 6 10 6		
6 8 9 10			13 6 14 6 14 6 12 5 12 5	17 0 14 6 14 6 14 6 19 4	14 6 14 6 20 8 25 2 22 2	22 2 20 8 28 3 42 9 33 3	18 2 11 5 22 8 38 9 35 1	25 2 23 7 23 7 24 3	14 6 17 0 14 6 14 6 14 6	0 0 14 6 14 6 14 6		
11 12 13 14 15			13 6 14 6 14 6 17 0 17 0	15 8 15 8 14 6 14 6 15 0	19 4 19 4 19 4 19 4 28 3	25 2 25 2 22 2 15 8 26 8	37 0 33 3 31 6 23 7 30 6	25 0 23 7 22 2 20 1	13 6 13 6 12 5 15 8 22 2	14 6 14 6 19 5 18 2 17 0		
			15 S 15 S 15 S 15 S 15 S	15 S 15 S 15 S 14 6 14 6	37 0 26 8 25 2 20 8 18 7	24 3 22 2 25 2 22 2 14 6	38 9 37 0 35 1 23 7 26 7	20 8 19 5 19 5 19 5 19 5	19 5 17 0 14 6 14 6 12 5	10 6 12 5 10 6 8 8 7 1		
21 22 23 24 25			17 0 17 0 10 6 15 8 16 2	14 6 14 6 14 6 14 6 14 6	17 0 15 2 19 5 25 2 31 6	31 6 31 6 28 3 25 2 28 3	26 7 26 7 26 7 25 2 30 0	25 2 19 2 17 0 25 2 23 7	12 5 12 5 14 6 17 0 14 6	6 3 5 6 2 0 3 4 19 5		
26 27 28 29 30 31			17 0 17 0 17 0 17 0 17 0 17 0	14 6 14 6 14 6 14 6 14 6	22 2 20 8 19 4 14 6 15 8 17 0	25 2 25 2 23 3 28 3	25 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 9 18 2 30 0 30 0 28 3 23 7	17 0 22 2 25 2 19 5 17 0	19 5 17 0 15 1 13 6 14 6 14 6		
1924-			17 0 15 0 13 5 16 9 13 5	22 8 22 8 22 8 24 0 24 0	26 8 26 3 29 7 29 4 28 8	21 4 18 8 24 4 23 1 23 1	19 5 19 5 19 5 19 5 19 5	4 0 0 0 0 0	1 % 1 % 0 0	0 0 5 6 9 4 10 4		
6 8 9 10			13 5 12 5 4 0 6 5 9 4	24 0 24 0 26 5 26 5 26 5	28 3 27 8 28 8 29 6 20 6	21 9 21 9 22 3 23 1 23 1	19 5 19 5 19 5 18 5 19 5	10 3 5 6 4 0 0	0 0 1 % 1 %	11 4 11 4 18 1 18 1 18 1		
11 12 13 14 15			9 4 10 0 10 7 11 4 12 1	26 5 26 5 26 5 26 5 26 5 29 0	27 6 28 3 27 8 27 3	17 0 17 0 12 6 17 0 14 8	19 5 19 5 18 5 17 5 17 5	0 0 4 3 4 3 4 3	0 0 0 0 0 0 5	18 1 18 1 18 1 18 1 18 1		
16 17 18 19 20			12 8 13 5 15 9 16 3 16 7	26 5 26 5 26 5 26 5 26 5	29 1 28 6 29 4 30 4 31 2	12 6 12 6 14 8 14 5 14 5	5 2 17 5 16 5 15 5 16 5	4 3 2 0 0 0	1 7 1 7 0 5 0 0	15 1 4 0 4 0 4 0 4 0		
21 22 23 24 25			17 1 18 2 19 3 20 4 21 5	20 5 20 5 20 5 25 5 28 1	29 4 25 4 26 1 25 8 27 7	15 9 15 9 15 9 17 1 10 4	17 5 18 5 19 5 4 0 2 6	0 3 0 3 0 1 % 0 6	0 0 0 1 7 1 7	4 0 13 5 13 5 15 7 15 7		
26 27 28 29 30 31			21 6 24 0 22 8 22 8 22 8 22 8	28 1 28 1 26 5 26 3 27 3	30 2 23 3 26 6 26 4 25 1 24 4	1× 2 20 4 13 5 11 × 17 5	2 6 2 6 17 8 12 0 12 0 15 8	0 0 0 0 0	0 5 0 0 0 0	15 7 15 7 15 7 23 0 24 4 24 4		_

Dail Divers in in Second-feet

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1925		200	.4					33	4		
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6					1 5	1 1			-	1	; 6 3 3 (3 0
made:			1		19.4	1000	4	1 15	1 4	-	3 6 3 6 3 5 4 0

TABLE 35. BYRD DITCH Continued

Day	Jan.	Feb.	March	April	= May	June	July	Aug	Sept,	Oet.	Nov.	Dec.
1928 -	4 8 4 8 5 0 5 0 5 0	4 6 4 4 4 4 5 0 5.5	9 2 9 8 9 6 9 6 9 8 8	19 0 17 7 17 0 16 6 17 7	35 5 30 1 22 8 22 4 27 6	22 3 22 1 24 2 25 1 24 8	12 7 14 4 12 1 13 8 17 3	19 S 17 0 12 0 7 6 6 8	3 3 3 7 3 7 4 3 4 3	5 9 6 4 5 9 6 1 6 1	7 4 7 4 8 2 8 4 9 3	11 0 12 8 14 0 14 6 12 1
6 8 9 10	5 0 5 0 5 0 4 8 4 6	5 0 5.5 6.6 6 4 6.0	8 4 8 0 8 4 9.2 9 8	21 2 20 4 21 2 21 7 21 2	26 8 24 0 28 0 31 0 31 5	19 5 16 7 14 0 13 5 17 6	20 0 20 4 19 8 19 5 18 9	7 0 6 8 6 4 5 5 4 6	4 3 4 1 4 3 4 3 4 5	6 1 5 9 4 9 7 2 7 4	9 3 9 5 9 3 9 3 9 3	3 9 2 8 2 9 2 4 3 0
11 12 13 14 15	4 6 4 4 4 4 4 2 4 6	6.0 6.0 6.0 5.7 6.0	10 1 10.7 10.7 11 0 10.7	20.0 20.8 20.2 20.5 20.8	34 1 33 2 31 5 31 5 30 S	23 7 31 8 31 8 31 8 25 1 21 3	21 4 21 6 15 5 15 0 13 5	4 4 6 2 6 4 6 6 7 2	5 2 5 7 4 5 4 5 4 5	7 4 7 4 7 7 7 7	9 3 9 3 9 8 14 4 14 6	3 9 5 6 11 3 18 0 17.7
16 17 18 19 20	4 8 4 2 4 0 3.8 3 6	6 0 6 0 6 0 6.0 6 0	11 0 10.7 11 0 11 3 13 4	20 5 19 5 19 5 20 2 20 2	30 S 30 5 29 S 26 5 28 1	20 8 20 6 20 8 20 2 19 0	11 2 9 1 9 1 11 2 9 9	6 2 6 9 8 0 8 4 9 3	4 5 4 1 3 9 4 1 4 3	7 4 8 0 8 0 8 0 8 0	14 4 13 0 11 5 10 7 10 7	18 0 17 7 18 0 17 7 17 7
21 22 23 24 25	3 8 3.8 3 8 4 4 4 8	5 7 5.7 6.0 6.0 6.0	17 4 22 6 17 4 18 7 23 3	20 5 21.7 22 0 21 7 26 8	24 2 23 7 21 7 24 2 25 5	18 0 18 0 17 6 18 0 17 6	9 6 8 0 6 2 6 2 4 0	7 2 9 8 9 8 10 1 10 1	4 8 4 8 5 0 5 5 5 9	5 0 7 7 7 7 7 4 7 4	10 1 9 3 9 3 9 0 9 0	17 7 17.7 17 7 5 4
26 27 28 29 30 31	4 8 4 8 4 9 4 8 4 8 5 0	5 7 6.0 8 8 9 2	21.7 20.4 17.0 17.7 18.4 18.0	36 9 35.5 28 9 25 2 32 3	24.5 25.5 26.5 26.5 24.2 25.5	15 0 14 4 14 2 13 6 13 0	11 2 17 6 17 3 15 8 11 6 19 0	10 1 8 8 8 0 6 9 3 7 3 5	5 9 5 9 6.1 5 2 4 3	7 4 7 4 7 4 8 0 8 2 8 2	8 8 7 4 8 2 8 5 9 5	0 0 0 0 0
1929	0 0 0 0	6 9 7 2 8 0 9 6 9 8	14 0 9 0 7 4 7.7 7.2	23 6 23 2 23 6 23 2 23 2	25.8 19.7 20 0 28.3 30.0	22 8 23 2 23 8 24 4 24 8	25 2 24 4 24 8 24 4 24 4	14 8 9 2 8 4 6 8 8 1	10 1 9 8 14 4 12 5 10 1	9 0 9 0 8 1 7 6 7 6	0 0 0 0	5 3 5 6 5 8 5 8 5 8
6 8 9	0 0 0 0	10.1 10.1 10.1 9.3 9.0	7 4 13.7 18 0 17 0 17 7	24 5 24 5 24 0 23 2 23 2	29 4 29 0 29 4 29 7 29 7	24 8 24 4 24 4 25.2 24 4	24 4 20 7 17 1 15 8 13 5	10 1 11 0 13 1 11 0 9 2	6 8 4 6 2 6 3.1 2 6	7 6 8 6 1 6 3 6 8	0 0 3 0 4 4 4 4	5 8 6 1 6 1 6.1 8.4
11 12 13 14 15	4 6 6 2 6 4 5 7 5 7	8 5 8 5 8 5 8 5 7.7	21.1 15.3 2.9 3.1 7.2	22 8 22 8 22.4 22.0 21.6	28.7 28.0 26.9 27.2 26.9	24 8 25 8 26.4 26.1 24 4	13 1 12 5 11 6 10 7 10 7	6 9 2 4 2 4 3 8 3 4	2 1 1 4 1 9 1.0 1 1	7 6 7 1 5 .1	4 2 4 2 4 2 4 2 4 6	14 1 20 4 16 8 12 5 10 1
16 17 18 19 20	5 7 5 7 5 5 5 5 6 9	4 8 7 2 8 0 8 0 8 0	9 0 8.0 7 4 6.9 6 9	25.0 27.0 27.5 27.5 27.5 27.5	26 9 27 6 30 0 29 7 30 0	25.0 25.0 25.0 25.0 25.0 25.0	10 7 9.8 9 5 9 2 9 2	3 S 6 1 10 I 9 2 6 6	1 0 5 3 8 5 6 5 8	0 0 .8 2 8 3 4	4 9 5 3 5 6 5 6 5 3	0 5 9.5 9 5 9 5 9 5
21	7 4	8 0 8 0 8 0 8 0 7 2	6.7 6.7 6.7 6.4 6.7	28 0 27.5 27.0 27 0 27.0	29 0 27 2 26 9 28 0 29 3	25.0 25.0 25.0 25.0 25.0 25.0	9 8 12 8 11.9 10 4 9 7	5 6 4 4 3 4 1 7 1 7	16 5 24 2 21 1 20 0 15 1	4 0 5 1 5 3 4 4 4 0	5 1 5 1 5 1 5 1 5 1	9.5 9.5 9.8 10.1 10.1
26 27 28 29 30 31	6.7 6.4 6.7 6.7 6.7	7 2 7 2 8 0	6.4 6.2 9.0 10.1 10.1 18.2	27.0 28 0 28 4 31 0 25 4	22 2 23 8 23 2 23 2 23 2 22 9	25.0 25.0 25.0 25.0 25.0 25.0	7 9 7.1 6 6 6 9 6 3 8 7	6 2 8 3 8 3 8 3 6 6 8	11 9 8 4 6 1 9 5 8 1	4 4 4.4 4 4 2 4	5 1 5 1 5 1 5 1 5 1	10.4 10.4 10.1 10.1 9.8 9.5

TALL STREET STREET

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TABLE 35. BYRD DITCH—Continued Summary of Monthly Diversion in Acre-feet

. 1 (/)	1/1./(15	DIVIN	31 11 1.77	MA
1930	675 663 674 1,213	1,465	318 633 362 109	8,935
1929	285 425 425 425 425 425 425 425 425 425 42	1,645	473 273 273 273 273	8,692
1928	280 341 520 1,322	1,201 563 497	276 445 553	8,589
1927	1 1 1 2 m	1,939 1,552 1,689 951	231 231 161	8,011
1926		ртоээт о <i>Х</i>		
1925	1,713	1,972	854 853	11,250
1924	1,050	1,702 1,063 954 123	34 808	7,153
1923	918	1,240	1884	9,413
1922	9 1 2 9 2 1 1 1 6 1 2 7 6 1 1 5 7 0 1 2 7 0 1 7	1 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1921	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1 1 4 9 1 1 3 9 1 1 9 9 1 1 9 9 1 1 9 1 1 1 9 1 1 1 4 9 1 1 4 9 1 1 4 9 1 1 4 9	
1920	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1 1 0 0 1	1 1 1 1 2 2
1919	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 4 4 P 4 4 P 6 4 P 6 6 P 6 6 P 6 6 P 7	1 1 0 0 1 0	
1918	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	,
	January February March April	May, June July, August.	September October . November . December .	Totals

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19_6				4		4	ř	i	1		
9					1	13	U		h		
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TABLE 36. CAMERON DITCH Continued

		_										
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov	Dec
1925 — 1 2 3 4 5			0 0 0 0	2 4 2 4 5 4 3 5 2 2	2 4 4 7 7 7 7 6	6 5 5 4 5 4 4 9 4 9	\$ 7 7 6 5 4 6 5 7 6	2 1 2 4 2 1 1 3	0 5 0 5 0 5 0 5 1 7	3 4 5 4 5 1 5 1		
6 7 8 9			0 0 0 0	1 0 1 7 1 7 1 7 1 3	0 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 4 4 9 4 4 5 5 6 5	8 7 8 7 8 7 8 7 8 7	0 5 0 5 0 1 5 2 9	1 2 0 7 1 3 1 0 1 0	6 5 6 5 2 4 2 1 2 4		• • •
11 12 13 14 15			3 9 3 4 6 5 7 6 7 6	1 0 1 0 1 0 1 0 1 0	4 4 2 9 2 9 5 4 5 4	6 5 6 5 7 6 7 0 6 5	8 7 8 1 7 6 7 6 7 6	5 4 4 4 2 0 1 7 1 7	1 7 1 7 2 0 2 4 2 1	2 9 3 4 3 4 3 4 1 7		
16 17 18 19 20			7 6 7 6 7 6 7 6	1 0 1 0 1 0 0 5 0	5 4 8 8 12 2 12 2 8 7	4 4 3 4 4 4 4 4	\$ 7 7 6 6 5 6 0 5 1	2 0 2 4 1 7 3 4 1 0	1 0 1 0 1 0 1 0 1 0	1 7 1 7 3 0 4 4 4 4		
21 22 23 24 25			7 6 7 0 6 5 6 5 0 5	1 0 6 5 7 6 9 9 9 9	8 7 8 7 15 9 12 9 9 9	4 4 4 4 2 5 2 5 2 5	5 k 5 7 5 4 4 1 3 4	3 4 2 4 2 4 1 7	1 0 1 0 1 0 0 5 0 5	4 4 4 4 5 4 5 4		
26 27 28 29 30			0 5 1 0 1 0 3 0 4 9 4.9	7 1 4 4 4 4 2 4 2 4	13 4 8 7 13 4 13 4 13 4 10 0	2 5 2 5 4 0 5 4 8 7	2 5 1 7 1 3 1 3 1.3	1 7 2 0 1 0 1 0	21 4 4 4 4 4 4 4	5 4 5 4 5 4 5 4 5 4		
1928—							. 0	1 0		0.4		
1 2 4 5							3 7 2 6 2 7 1 5		1 8 1 3 1 3 1 2 1 3			
6 7 8 9 10							1 8 2 0 2 6 2 3 2 0	2 3 1 9	1 2 1 2 1 9 2 1 2 4			
11 12 13 14 15							3 3 3 7 4 1 2 4 2 8	1 9 1 8 1 9 2 0 1 8	2 0 2 6 1 9 2 0 1 9			-
16 17 18 19 20							3 6 3 9 3 9 3 7 4 1	2 6 3 3 4 1 2 6 1 3	1 2 1 0 1 1 1 0 1.1			
21 22 23 24 25							3 3 3 3 4 1 4 1	7 1 8 1 8 1 9 1 9	1 1 1 1 2 7 4 9 1 5			:
26 27 28 29 30 31							Repair- ing we r	1 9 1 9 1 8 2 0 2 4 1 9	1 S 1 S 2 0 2 6 2 6			

TABLE CANERON DITCH Continued

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1130	111	8 6 6			14	6 6 8 5	1 1 4 1 4 1	34			
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al Shoul	4 1 4 4	1			6 6 6 6		6 6 6	18	10		
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TABLE 36. CAMFRON DITCH—Continued Summary of Monthly Diversions in Acre-feet

1930	212 203 141 173	2477		1,816
1929	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			390
1928	3 6 6 1 2 0 0 1 2 0 0 1 3 0 0 0 1 1 0 0	(C) TH	106	346
1927		b10551 0%		
1926		ртоээт о Х		
1925	2010	526 293 375 124	260	2,043
1924	192	8 61 61 61 61 61 61 61 61	140	2,322
1923	472	2 4 65 2 4 65 2 6 5 5 2 6 5 5	432	3,030
1922	1 1 3 5 6 1 6 6 7 1 7 6 8 1 7 7 6 8 1 7 7 8 8 1 7 7 8 8 1 7 7 8 8 1 7 7 8		5 5 5 1 5 9 6 5 0 5 1 5 1 1 1 1 5 1 1 1 5 1 1 5 1 1 1 6 1 1 1	8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1
1921			1 1 7 0 1 1 1 0 0 1 1 1 0 0 0 1 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0	5 0 0 0 0 0
1920	0 0 1 b 0 0 5 0			0 0 0 0 0 0 0 0 0 0
1919	b b 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
1918	0 5 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 I 0 0 0 I 0 0 0 0 0 0 0 I 0 I 0 I I I I	h 1 1 1 1 1 1 1 1 1	
	January February March April.	May June July August	September. October November. December.	Totals

A LE CARMILITA DITCH

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1973				3.4	41		4.11	181	1:		
			12			6 6	211	18	- 100		
4				11	6	6 6		10	23		
2			16	18	110	1.5	4.0	15	58		
2			4	4.8	10	6 3		-	6 6		
				(6.0)		60	-3		i		
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4			3.0	- 59	= 1	6			1		
0		1041							33		
70		6		1		6 6	37	1			
H		4		- 11	- •		81	13	-38		
0				- 61	160				100		
			-8	310	4	-10	T	1	1		
4		86	370			1	181		25		
		104	1	11	4		1 4		113		
80		133	38			- 1		1			
8				- 11	4	4	3	- 1	. 4		
1924											
1		6	4	4	6 6	31	1	B	1		
6		6 6		4	4.4		-	112			
		4 4		1	4	54	4 1	-13			
		6.6	- 13	4			1	- 10			
4			4 _	1	6 6	4	6 = 6 = 6 = 6 = 6 = 6 = 6 = 6 = 6 = 6 =	11	13.5		
				4.6							
8		6 6	4 4	4	t.		R		11		
4			3.0			6		- 21			
-			1.5	H	4			1	Section 1		
8		3.30	4 1	13		4 -	13	- 12	- 8		
		3.00	6 9			4		101			
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- 6		6	4 4	6	13	4	2.2	15	ı		
							101	50			
6		-		4	٩		181	11			
8		6	4	4	3.9		14	- 344			
		9.00		1)		1.4	9.00		- 10		

TABLE 37. CARMELITA DITCH Continued
Daily Diversion in Second-feet

				1201	3 121261	nion in :	recond-l	reet				
Day	Jan.	Feb.	March	April	May	J -	J	Augi	Sept.	Oet	N v	Dec
3 4 5			0 0 0 0	3 6 9 9 1 5 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9 1 9 4	11 8 11 8 10 1 10 0 9 1	6 6 6 4 6 4 6 4	3 4 3 4 3 4 3 4 3 4	1 1 1 1 1 1 0 2 0 -	1 1 1 1 1 1 1 1 1 1	=	
6 8 9 10			0 0 0 0	6 3 7 3 6 6 6 6 5 9	9 3 1 1 1 0 9 9 9 5	5 7 5 7 5 6 8 5	7 0 6 8 5 6 5 0 5 0	2 4 2 4 2 3	0 2 0 2 0 2 0 2 1 1	1 2 1 2 1 2 1 2		
13			0 6 7 6 7 5 9	5 3 6 2 7 1 7 3	\$ 5 \$ 7 \$.6 \$ 5	509991	5 0 4 7 4 4 4 4 4 4	2 2 9 2 4 2 4 2 4	1 1 1 1 1 1 1 1 1 1	1 2 1 6 2 1 2 1 1 9		
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24			5 5 5 9 5 9 5 9 5 9	9 0 9 0 11 7 11 7 10 8	8 4 8 4 10 1 10 1 10 1	1 9 6 2 7 5 9	4 4 3 4 2 9 2 4 2 4	2 0 2 4 2 3 3 4 3 4	0 6 0 6 1 1 1 1 0 8	2 4 2 4 2 4 2 4 2 2		
26 27 28 29 30 31			5 9 5 9 6 3 6 7 6 7	9 5 8 2 8 2 9 0 9 9	10 1 10 1 11 8 11 8 11 8	7 0 6 9 6 5 6 7	2 4 2 4 2 4 2 4 2 4 2 4 2 4	2 4 2 4 2 4 2 4 2 4	0 5 0 8 0 5 1 1	2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		=.:
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13							55555	2 6 2 7 2 6 2 6	2 3 2 2 2 3 2 2 3 2 3			
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TABLE 37. CARMELITA DITCH Continued Summary of Monthly Diversion in Acre-feet

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1928	:		374	133	289
1027		Ī	700951 0X		
1926			50 record		
1925		122	583 500 274 168	45	2,363
1924		248	256 220 175 122	32	
1023		102	380 353 242 125	105	1,802
1922		1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1		
1051	1 1 0 1 2 2				
1920	:				
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	January	February. March April.	May July August	September October November	Totals.

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TABLE 38 CHINA SLOUGH Continued

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Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1925 — 1 2 3 4 5				6 7 6 7 5 4 5 3	12 4 12 4 12 4 12 4 12 4 13 1	3 4 2 6 3 4 11 2 8 8	10 1 9 5 9 0 8 7 8 5	14 4 14 4 14 4 15 4 6 9	1 2 0 4 0 3 0 3 0 3	3 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 2 3 2 3 2 3 3 2 3 3 2 3		
6 7 8 9 10				7 3 6 0 2 7 2 7 3 1	13 E 12 0 13 2 12 0 11 0	8 8 5 5 5 5 5 5 9 1	8 4 6 3 8 1 11 2 16 7	3 7 12 7 18 1 18 2 18 4	0 3 0 1 0 4 0 4 0 4	3 2 3 1 6 8 6 8		
11 12 . 13 14 . 15				3 5 3 5 8 2 9 1 9 1	10 0 5 6 7 0 4 5	7 7 12 0 13 7 13 7 13 7	17 1 17 1 17 1 15 6 12 7	19 8 14 6 17 9 17 9 16 8	2 5 4 6 4 6 4 6 4 1	7 5 8 3 8 3 8 3 6 8		-
16 . 17 18 19 20			1.7	11 2 11 2 9 1 9 1 15 8	4 5 5 7 6 3 8 7	10 6 15 8 15 8 11 3 10 1	\$ 9 11 6 8 9 13 6 18 5	17 9 19 0 21 3 16 8 16 8	1 3 1 3 1 3 2 5 2 5	ñ 8 3 5 2 9 2 3 2 3		
21 22 23 24 25			1 7 1 4 1 1 1 5 1 4	12 4 12 4 12 4 12 4 10 2	7 6 10 9 10 0 8 7 13 9	9 7 11 4 12 4 12 9	9 9 9 9 11 9 9 4 9 4	16 8 16 8 16 8 16 2 17,6	2 5 2 5 2 5 2 5 2 5 2 5	2 3 2 3 2 3 1 3 0 8		-
26 27 28 29 30			0 0 0 0 0 6 4 9	12 7 15 2 12 4 12 4 12 4	11.7 9.9 9.9 9.9 11.8 7.6	12 4 12 9 12 9 12 9 13 5	11 5 13 6 11 9 11 9 12 9 16 4	17 6 12 2 3 0 1 7 1 4 1 2	2 5 2 5 2 5 2 5 2 5	0 4 0 4 0 8 1 5 1 2 1 2		-
1527— 1 2 3 4 5 .	 				11 2 10 9 11 2 11 0 11 2	14 8 14 5 14 8 15 1 15 4	15 4 16 9 15 7 15 7 15 7	15 4 17 2 14 5 15 1 15 1	18 1 17 8 16 0 14 5 12 3	16 0 14 5 23 7 18 1 15 4	16 0 14 8 13 9 14 5 14 9	7 2 6,5 7 4 9 1 9 1
6 7 8 9 10				-	11 2 11 2 10 6 9 9 9 1	16 0 15 7 14 8 14 8 13 9	16 0 10 9 8 1 8 1 16 0	14 5 14 8 14 2 14 2 14 2	10 6 10 4 9 8 11 1 11 1	15 4 15 7 16 0 16 0 15 7	14 5 14 2 13 4 12 8 12 3	9 1 9 9 9 1 9 9 8 9
11 12 13 14 15			-	7 3 20 0 20 3	8 6 8 9 8 9 8 9 8 6	13 4 13.7 13 4 14 5 14 8	15 4 16 9 18 1 17 5 17 8	11 2 11 7 12 0 16 0 22 3	10 1 8 6 6 7 8 6 13 4	16 0 15 7 15 7 16 0 16 0	12 5 11 7 13 4 13 9 12 0	9 4 8 9 8 6 8 4 8 6
16 17 . 18 19 20				22 0 21 3 22.3 20.3 17.8	8 4 8 4 8 1 8 1 8 1	14 8 14 8 15 1 15 1 15 1	18 1 18 4 17 5 13 4 9 1	21 3 20 0 20 0 18 4 19 7	13 7 10 1 7 6 13 9 16 3	15 7 15 7 15 7 18 4 18 8	12 0 12 8 13 9 20 0 20 0	8 4 8 4 8.1 8 4 8 1
21 22 23 24 25		****		17.5 17.5 17.5 14.2 15.4	8 1 7 9 6 9 6 0 5 8	14 8 14 5 14 5 14 5 14 2	9 9 11 2 16.9 19 1 17 2	19 7 19 7 21 0 20 7 24 8	15 1 16 6 15 4 13 7 13 9	18 8 18 8 19 8 19 4 19 1	18 1 17 2 16 9 15 7 13 9	7 6 6 5 5 4 4 4 4 2
26 27 28 29 30 31				15 7 13 4 12 5 11 7 11 4	8 1 15 4 15 4 15 4 14 8 14 8	13 9 14 2 13 4 15 7 15 1	16 3 15 4 16 3 17 8 18 4 18 4	24 3 24 8 24 1 20 0 20 0 19 1	13 7 14 5 7 6 7 6 11 2	20 0 19 1 19 1 20 4 18 8 16.9	12 5 12 5 10 6 9 9 9 1	4 0 3 9 3 4 4 2 4 9 5 2

TABLE * CHINA SLOT HE Continued

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TABLE 38 CHINA SLOUGH - Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug	Sept.	Oct	N. v.	Dec
1930 - 1 2 3 4 5	7 2 7 2 7 2 7 2 7 2 7 2 8 1	9 4 9 1 9 6 9 9	6 7 6 3 6 5 6 5 5 8	6 7 6 7 8 1 14 8 14 2	15 7 15 4 14 5 13 4 12 8	15 4 15 4 15 5 20 3 19 4	13 7 13 4 15 7 13 8 13 9	9 1 9 1 9 4 7 9 7 6	6 9 7 0 7 9 7 9 5 1	9 1 7 6 7 4 0 0 4 6	6 5 6 5 6 5 6 5 6 3	6 3 4 1 4 1 8 1 8 1
6 7 8 9.1	10 4 12 0 9 1 9 9 10 9	10 4 10 1 10 6 10 1 10 1	5 4 5 2 5 2 5 0 4 8	16 3 17 2 15 1 16 6 16 6	11 2 14 2 9 4 8 4 8 4	19 4 20 0 20 3 20 7 20 3	13 × 17 2 17 8 18 1 17 8	5 8 7 6 7 6 7 4	8 1 7 6 7 6 7 6	4 2 3 4 3 3 3 3 3	6 3 6 3 6 3 6 5	9 1 9 1 7 6 7 6
11 12 13 14 15	9 9 9 9 9 9	9 6 9 4 9 4 9 4 9 4	4 8 4 9 4 9 5 2	16 9 16 6 16 3 16 6 13 4	8 9 8 9 9 9 11 4 12 8	20 3 20 7 21 0 21 3 21 3	16 3 16 9 16 9 16 9 16 9	7 6 9 1 8 6 5 1 6 7	7 6 7 6 7 4 7 2	3 1 3 3 3 3 3 3	6 5 6 5 6 9 6 9	7 9 7 9 7 6 6 9
16 17 18 19 20	10 9 12 5 12 3 12 0 10 4	9 6 9 9 10 9 11 2 11 4	5 2 5 4 5 2 5 2 5 2	9 6 9 6 9 6 12 0 16 6	16 3 16 0 15 4 15 7 16 0	21 3 20 7 21 0 20 0 19 4	16 9 16 9 13 4 11 2 10 6	7 6 9 1 8 1 8 1 6 3	7 4 7 9 8 1 8 1 8 1	3 4 3 4 3 4 3 4	6 7 7 2 8 4 8 9	6 3 6 8 5 8 5 8 5.4
21 22 23 24 25	10 4 9 1 9 6 9 4 9 1	12 0 12 0 11 7 11 5 11 5	5 4 5 2 6 9 9 4 11 2	12 3 5 4 10 9 16 3 16 3	16 9 16 6 17 8 20 8 14 8	19 4 19 4 14 0 8 9 8 6	10 ñ 9 4 9 4 9 4 9 4	5 4 5 4 5 4 5 4 5 0	8 1 7 9 7 6 7 6	3 4 3 4 4 2 7 6 7 6	9 1 4 4 8 6 9 4 9 4	5 4 5 0 4 2 4 2 4 4
26 27 28 29 30 31	9 4 9 4 9 4 9 4 9 4	11 7 11 7 9 9	11 2 10 6 10 6 9 4 9 9 9 9	16 3 16 3 16 0 16 0 16 3	18 1 19 1 19 4 18 8 18 8 18 8	8 1 8 1 12 0 11 7 14 0	9 4 9 4 9 4 10 1 10 9 10 9	5 0 5 4 5 4 5 5 6 9	7 6 7 6 7 6 5 1 8 4	7 4 7 2 6 7 6 7 6 7	9 6 9 6 9 6 9 4 6 7	4 9 4 9 4 9 4 4 4 4

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TABLE 39. FARMS NO. 1 Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Vig.	Sept	Oct.	Nov.	Dec
1923										Conti		1,514
3 4 5			2 0 2 0 2 0 2 0 2 0 2 0	2 0 2 0 2 0 2 0 2 0 2 3	2 6 2 6 2 6 2 7 3 0	2 6 0 9 0 9 0 9	2 1 2 0 2 2 2 4 2 6	1 2 1 2 1 1 1 1 1 2	0 % 0 9 1 0 1 1 1 1	0 5 0 5 0 5 0 4 0 4		
9 10			2 0 2 0 2 0 2 0 2 0	2 6 2 6 2 6 2 6 2 6 3 3	3 0 3 0 3 0 3 0 3 0 3 0	1 7 1 1 1 5 1 5 1 6	2 2 2 2 2 0 1 9 1 8 1	1 3 1 3 1 3 1 3	1 0 1 1 0 9 0 9 0 9	0 4 0 5 0 7 1 1 0 9		
11 12 13 14 15			2 0 2 0 2 0 2 0 2 0 2 0	2 6 2 6 2 6 2 3 2 6	3 0 3 0 3 0 3 0 3 0	1 8 1 8 1 5 1 5 1 6	1 9 1 5 1 5 1 3 1 5	1 3 1 4 1 5 1 5 1 5	0 9 0 9 0 9 1 1 1 1	0 9 0 9 0 7 0 5		
16 17 18 19 20			2 0 2 0 2 1 2 3 2 6	3.0 3.0 3.0 2.6 2.6	3 0 3 0 3 0 3 0 2 8	1 6 1 6 1 6 1 6 1 4	1 8 2 0 1 9 1 9 2 4	1 5 1 5 1 4 1 4 1 4	1 1 1 0 0 5 0 9 0 9	0 3 0 3 0 3 0 2 0		
21			2 6 2 6 1 6 1 4 1 6	2 6 2 6 2 6 3 0 2 6	2 6 2 6 2 6 2 6 3 0	1 2 1 7 1 5 1 9 2.2	2 4 1 9 1 3 1 3 1 3	1 5 1 4 1 3 1 2 1 2	0 7 0 7 0 9 1.1 1 1	0 0 0 0 2 2 2		
96			2 0 2 0 2 0 2 0 2 0 2 0 2 0	2 6 2 6 2 6 2 6 2 6	3 0 3 0 3 0 2 0 1 5 1 6	1 5 2 0 2 0 2 0 2 0 2 3	1 7 1 5 1 5 1 5 1 5	1 2 1 1 1 1 0 8 0 9	1 1 1 3 2 3 2 2 1 3	151515		
1924 — 1 2 3 4 5			1 4 1 7 2 0 1 6 1 .6	1.2 1.2 1.4 1.6 1.8	2 9 2 9 2 5 2 7 2 9	1 1 0 9 1.6 1 8 2 0	2 6 2 6 2 9 3 0 3 1	0 0 0 0 0	0 2 0 2 0 0 0	0 0 9 7 2 2 1 9		
6 7 8 9			1.6 1.6 1.6 1.4	1.8 1.8 2.4 2.4 2.4	2 2 1 6 1 8 1 8 1 6	1 6 2 0 2 0 2 2 2 2	3 1 3 1 2 9 2 9 2 9	0 7 0 7 0 5 0.2	0 0 7 1 5 0 9 0.4	1 7 1 7 3 1 3 1 2 6		
11 12 13 14 15			1 2 1.2 1.1 1 1	3.4 3.7 3.3 2.9 3.7	2 3 3 2 2 9 2 5 2 5	1 6 1 4 1 4 1 4 1 4	2 6 2 6 2 5 2 4 2 2	0 0 0 4 0 4 0 4	0.2 0 0 0 0 0 2	2 6 2 6 2 6 2 6 2 9		-
16			1.1 1.1 0.9 0.9 0.9	2.9 2.9 2.9 2.9 3.2	4 0 3 7 4 1 4 6 4 0	1 4 1 4 1 7 3 6 1 7	0 9 1 0 1 7 1 7 1 7	0 7 0 4 0 2 0 2 0 2	1 4 1 4 0 0	2 9 2 9 3 1 1 9 1 4		
21 22 23 24 25			0.9 0 9 0 9 0 9 0 9	3 4 2 9 2 9 3 2 3 4	4 0 2 5 2 5 2 2 2 2	1 7 1 7 1 7 1 7 1 7	1 7 2 2 0 2 0 0	0 1 0 1 0 1 0 1 0	0 0 1 4 1 4 1 4	1 4 1 4 1 0 1 0 1 0	-	
26 27 28 29			0 9 1 8 1 4 1 4 1 3 1 2	2 9 2 9 2 9 2 9 3 2	2 2 2 2 2 2 1 6 1 4 1 2	1 4 1 4 2 6 2 7 2 9	0 1 7 1 6 1 2 1 0	0 5 0 0 0 0	0 7 0 0 0 0	1 0 1 0 1 0 2 2 3 6 3 6		1.

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TABLE 39. FARMS NO 1 Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	Jly	Vug	Sept	Öet,	Nov	Dec
1929— 1 2 3 4 5									0 4 0 4 0 5 0 5 0 5	0 0 0 0	0 0 0 0 0	
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15			-					0 5 0 5 0 4 0 3 0 4	0 0 0 0	0 0 0 0	0 0 0 0	=
18 19 20								0 4 0 5 0 5 0 6	0 0 0 0 0 3	0 0 0 0 0	0 0 0 0	
20								0 5 0 4 0 2 0 0	0 5 0 5 0 5 0 5 0 4	0 0 0 0	0 0 0 0	
26 27 28 29 30 31								0 0 4 0 4 0 4 0 5	0 4 0 4 0 4 0 4	0 0 0 0	0 0 0 0 0	
1930— 1 2 3 4 5	. 0	1 0 1 0 1 2 1 2 1 2	0 0 0 0	3.0 3.0 3.0 3.1	3 4 3 4 3 4 3 4 3 4	3 0 3.0 3 0 3 0 3 0	2 7 2 7 2 6 2 6 2 6	2 0 1 8 2 0 2 0 1 9	1 1 1 0 1 0 1 0 1 0	FÉ		
6 7 8 9 10	0	0 0 0 0	0 0 0 0	3 1 3 1 3 1 3 1 3 1	3 4 4 5 3 3 5 5	3 0 3 0 3 0 3 0 3 0	2 7 2 8 2 9 2 9 2 7	1 8 1 7 1 7 1 7 1 7	1 0 1 0 1 0 1 0			
11 12 13 14 15	. 0	0 0 0 0	0 0 0 0	3 1 3 1 3 1 3 1 3 1	3.3 3.3 3.2 3.2 3.2	3 0 3 0 3 0 3 0 3 0	2 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 8 1 8 1 8 1 8 1 2	1 0 1 0 1 0 1 0			-
16 17 18 19 20	0 0 1 0	0 0 0 0	0 0 0 0	3 1 3.2 3.3 3 4 3 3	3 2 3 3 3 3 3 2	2 9 2 9 2 9 2 9 2 9	2 9 2 9 2 9 2 9 2 9	1 0 1 0 1 0 0	1 0 1 0 1 0 1 0 1 0			
21 22 23 24 25	1 0	0 0 0 0	0 0 0 0	3 2 3.3 3 3 3 4 3 4	3 2 3.2 3 4 3 3 3 3	3 3	3 0 2 8 2 0 2 1 2 1	0 0 0 0 0	1 1 1 1 1 2 1 2 0 0			
26 27 28 29 30 31	. 10 . 10 . 10	0 0 0	0 0 0 0 0 0	3 4 3 4 3 4 3 4 3 4	3 2 3 2 3 2 3 2 3 2 3 0	3 4 3 2 3 0 2 9 2 9	2 0 2 0 2 0 2 0 2 0 2 0 2 1	0 0 0 0 0	0 0 0 0 0			

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TABLE 40. FARMS NO 2

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7 8 9				2 1 2 1 2 1 2 1 2 1 2 1	2 0 2 0 2 1 2 0 1 8	0 0 0 0	0 0 0 0	1 6 1 6 1 6 1 6	1 9 1 9 1 9 1 8 1 7			
12 13 14				2 1 2 1 2 1 2 1 2 1 2 1	1 6 1 1 1 2 1 0 1 0	0 0 0 0 1 1	0 0 0 2 2 0 2 0	1 6 1 6 1 6 1 6 1 6	1 6 1 5 1 3 1 4 1 4			
17 18 19				2 1 2 1 2 1 2 6 2 0	1 0 1 0 1 1 1 1 1 1	1 6 2 1 2 1 2 2 2 2 2 2	2 0 2 1 2 1 2 1 2 1 2 2	1 5 1 5 1 5 1 5 1 5	1 4 1 5 1 6 1 7 1 8			
22 23 24				2 0 2 0 2 0 2 0 2 0 2 0	1 1 1 2 1 2 1 2 1 2 1 2	2 2 2 2 3 2 3 2 3	2 2 2 2 2 2 2 2 2	1 5 1 5 1 5 1 5 1 5	1 9 2 0 2 0 2 0 0		-	
27 28 29 30				2 0 2 0 2 0 2 0 2 0 2 0	1 0 8	2 4 2 2 2 2 2 2 2 2 2 2	2 1 2 1 2 1 2 1 2 1 2 1	1 5 1 5 1 5 1 5 1 6	0 0 0 0			

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		1	7	4 4			1.51	S	3 3		
		139	4 4				1,1	100			
11		H	1	6 4 6 4	4				3 1 5 3		
11		321	21	6 4			540	- 11	3		
11		2.0	7.5				85				
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		5.0			5.1		- 51				
		1	1,0	4	P	1		18			
10		381	23		184	- 13		1	13		
11			. 4		13.1	- 13					
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2				- 73	-	- 4			11		
-			110		1.4				- 3		
8			35		1.5	- 12	1		- 8		
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TABLE 41. FARMS NO 3 Continued Daily Diversion in Second-feet

					iy Diver	MOTI III	reconu-	1000				
Day	Jan.	Feb.	March	Apri	May	J_re	J_3	tug	Sept	Oct.	Nov	Dec.
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13			2 6 2 2 2 6 2 6 2 6	1 4 1 4 1 5 1 2 1 3	1 0 4 3 3 3	1 9 2 6 2 8 2 3 1 9	9 9 9 6 6	433223	0 0 0 0	0 0 0 0		
19	*******		2 6 2 6 2 6 2 6 2 8	1 0 1 0 5	1 1 1 9 1 9 1 0	1 9 9 1 0 9 1 5	9 6 6 9 1 2	2 1 1 9 1 4 1 4 1 2	0 0 0 0	0 2 4 7 .9		
21 22 23 24 25			2 4 2 3 2 2 2 6 2 6	9 2 1 2 5 3 4 2 3	9 9 2 3 3 9 5 5	1 3 1 2 1 .6 6	1 2 9 6 4	6 5 5 5 3	0 0 0 0	999		
			2 6 2 6 2 6 2 6 2 6 2 6	1 6 9 9 3 1 3	4 9 4 9 4 9 7 5 4 9 3 6	1 2 3 4 1 2	2 .2 .2 .2 .2 .2 .3	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 0 0 0	9 1 2 1 2 1 2 1 2		
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6 7 8 9							1 4 1 4 1 5 1 5 1 3	.3 .3 2 1	0 0 0 0	1.		<u></u> .
12 13 14							1 3 1 1 9 9 9 9 9 9	0 3 3 2 2	0 0 0 0			
18 19 20			******				4 4 4 9 5	3 3 0 0	0 0 0 0 0 0	Es:		
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TABLE 42. FINK DITCH Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	Jie	Jus	\ g	Sept.	Unt	Nos.	Dec
5			2 6 2 6 2 6 2 6 2 6 2 6	13 8 13 0 18 0 18 0 18 0	19 7 23 2 20 6 21 0 21 5	8 2 11 2 10 2 9 9 14 4	19 7 23 8 19 2 17 5 16 5	11 6 11 6 11 6 11 6 10 6	9 9 10 2 10 5 10 8	9 3 6 6 6 7 6 9 7 2		
6 7 8 9			2 6 2 6 17 2 17 2 15 5	14 6 13 0 13 0 13 0 9 8	22 3 23 2 24 1 25 0 19 7	15 2 15 2 16 7 18 3 17 7	14 6 13 7 20 2 24 2 19 7	9 7 11 6 9 7 9 9	10 3 11 0 11 0 11 0 11 0	7 2 8 7 10 2 10 2 10 2		
11 12 13 14 15			15 5 15 5 15 5 14 6 13 0	13 9 13 0 13 0 14 6 15 5	18 9 19 7 19 7 19 7 21 5	17 3 17 2 14 6 17 8 14 4	18 7 17 7 17 5 17 3 18 3	9 1 9 1 9 3 8 5 11 8	11 0 10 2 9 6 11 2 12 8	10 2 10 2 8 7 8 0 7 2		
16 17 18 19 20		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	14 6 14 6 15 5 16 3 17 2	16 3 16 3 16 3 16 3 16 3	22 3 21 5 21 1 19 0 18 0	12 0 12 6 13 4 18 2 13 1	19 3 17 5 16 5 16 5 13 5	11 0 11 2 10 5 10 5 10 7	12 0 11 2 11 3 11 3 9 3	7 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2		
21 22 23 24 25			16 3 16 3 14 6 14 6 14 6	16 3 15 5 14 6 15 0 16 3	16 8 17 4 20 7 20 7 19 7	12 0 18 0 16 5 15 4 14 0	13 5 13 5 13 5 11 6 13 5	10 S 11 0 10 2 10 4 9 5	11 3 11 3 11 3 11 5 11 5	5 7 5 7 5 7 5 7 11 5		
26 27 28 29 30	******		14 6 14 6 14 6 14 6 14 6 14 6	16 3 18 0 18 0 18 0 18 0	18 5 18 3 18 0 17 0 13 4 10 8	19 4 17 0 18 7 14 4 15 2	11 6 12 5 12 5 12 2 11 6 11 6	9 8 9 9 10 0 9 3 9 4 9 6	11 5 11 5 11 6 12 0 10 7	11 8 11 8 12 6 13 4 12 6 11 8		
			9.1 10.1 11.1 11.1	22 2 22 2 21 1 22 2 23 4	24 6 26 9 24 6 25.7 26.9	24 0 23 4 25 7 28 0 23 4	22 2 22 2 24 6 24 6 24 6	2 3 0 0 0 0	0 0 6 0 0	0 0 5 9 1 5 4 5		
6 8 9 10	*******		17.7 17.7 17.7 17.7 17.7	23 4 23 4 23 4 24 6 24 6	26.9 26.9 24.6 29.3 24.6	23 4 23 4 23 4 21 6 20 4	23 4 22 2 21 0 21 0 21 0	11 1 11 1 9 1 9 1 0	0 1 6 3 3 4 5 0 6	4 5 4 5 4 5 7 4 5 9		
11 12 13 14 15			17 7 17.7 16.6 15.5 15.5	24 6 24 6 23 4 22 2 24 6	24.6 33.4 28.6 27.4 35.8	19 3 18 1 15 9 15 9 15 5	20.0 20.0 20.0 20.0 20.0 20.0	0 0 7 4 7 4 7 4	0 0 0 0 0 3 3	5 9 5 4 5 2 5 2 5 2		
16 17 18 19 20			15.9 16.6 16.6 15.5 15.5	23 6 22 2 21 2 24 6 25 7	32.2 32.2 33.4 34.6 29.8	14 8 18 1 15 9 18 1 18 1	9 1 17 7 20 0 15 5 16 6	7 4 7 4 0 0 0	3 3 3 3 2 3 0	5 2 2 5 2 2 5 5 2 2 5 5 2		
21 22 23 24 25			17 7 17.7 18.9 20 0 31 7	26 9 35 3 24 6 24 6 25 7	29 8 24 0 27 4 26 3 25 8	12 6 12 6 11 1 13 2 13 2	17 7 17 7 5 9 3 3 5.9	0 5 9 3 3 1 5 0	0 0 3 3 3 3 3 3	5 2 4 5 4 5 4 5 4 5		
30			21 1 24.6 20 0 21 1 21 1 21.1	24 6 24 6 24 6 26 9 26 9	27 4 27 4 27 4 29 8 29 3 24 0	13 2 15 5 20 0 20 1 22 2	4 5 20 0 15 5 13 2 11 1	0 0 0 0 3 3 3 3	0 6 0 0 0	4 5 4 5 5 9 5 9		

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TABLE 42. FINK DITCH Continued

Day	Jan.	Feb.	March	April	May	June	July	Aug	Sept.	Oct.	You	Dec
1928— 1 2 3 4 5	0 0 0 0	7 2 7 2 8 1 12 6 14 7	7 6 7 2 7 4 8 1 8 1	35 1 36 1 33 3 28 0 28 0	33 7 25 0 25 1 25 3 27 6	24 9 27 1 29 0 30 4 30 4	19 2 18 4 16 5 15 3 14 7	17 2 14 7 13 2 10 9 10 0	5 4 5 0 4 9 4 9	4 6 4 % 4 % 4 %	5 4 5 4 5 6 5 6 6 0	7 4 8 6 9 7 10 0 8 9
6 7 8 9 10	0 0 0 0	11.3 11.5 11.8 10.9	7 6 7 4 7 2 7 2	29 0 30 4 28 0 29 5 29 0	29 5 28 0 28 5 25 8 21 3	27 6 28 0 34 6 34 6 35 6	13 9 14 7 14 7 14 7 13 9	9 7 9 1 9 6 9 1 7 6	4 % 4 % 4 4 4 4	4 8 5 0 5 0 5 0 5 2	6 6 6 6 6 6 6 6	5 4 4 4 4 0 3 9 3 9
11 12 13 14 15	0 0 0 0	10 3 10 0 9 7 9 4 9 4	7 4 7 8 8 4 8 9 10 9	30 8 20 0 29 0 29 5 30 8	24 4 25 8 25 8 26 7 29 0	34 6 36 1 36 6 33 3 28 5	13 2 13 6 13 6 12 6 12 9	7 4 7 6 7 6 7 4	4 4 4 4 4 2 4 2 4 0	5 2 5 4 5 4 5 4 5 6	6 6 6 9 6 9 5 1 10 0	3 7 4 2 5 0 8 8 7 8
16 17 18 19	0 0 0 0	9 1 8 9 8 6 8 4 8 1	15 3 15 7 17 2 16 5 16 5	30 0 28 5 29 5 32 3 33 3	25 8 21 3 22 6 20 0 20 0	29 0 29 5 30 8 30 0 28 0	11 8 10 3 13 9 13 2 10 3	7 9 7 9 7 9 6 9	4 0 3 7 3 5 3 5 3 4	5 6 5 6 5 6 5 6 5 8	9 4 9 1 8 9 5 9 9 1	11 9 15 3 16 1 16 1 16 5
21 22 23 24 25	0 0 0 0	7 8 7 8 7 8 7 6 7 4	18 0 18 5 19 2 19 2 31 8	33 3 31 3 23 5 28 5 32 8	22 2 21 8 24 0 28 0 26 2	28 0 28 5 28 0 28 5 28 0	10 3 10 0 8 6 7 5 7 2	6 4 6 9 6 9 6 9	3 4 3 2 3 5 4 0 4 8	5 5 5 5 5 5 5 5 5	4 9 8 9 8 9 8 6 8 4	16 1 16 1 16 5 16 5 16 1
26 27 28 29 30 31	0 0 0 0 4 4 6 4	7 4 7.8 8 1 7 6	30 4 32 8 26 7 32 8 31 8 33 3	26 2 25 8 31 8 32 8 34 6	24 0 23 5 24 0 29 0 26 2 25 8	28 0 26 7 24 9 23 5 21 3	12 6 20 0 19 2 17 2 13 2 18 0	6 9 6 6 6 6 6 4 6 0 5 8	4 9 4 9 4 9 4 9	5 S 6 0 5 S 6 2 5 6 5 4	8 1 7 4 7 2 7 2 7 2	15 0 13 6 12 6 12 6 12 6 11 8
1929— 1 2 3 4 5	12 4 12 4 12 2 12 2 12 2 12 4	12 4 12 6 12 6 13 2 13 6	6 5 10 2 10.5 11.2 12 0	21 1 21 4 22 8 24 2 26 0	26 8 27 6 28 4 33 4 33 4	25 1 26 1 25 8 25 1 26 8	27 1 25 5 26 1 18 2 15 9	10 7 10 5 10 0 9 7 10 0	6 9 6 9 6 9 7 3 7 7	4 0 9 4 0 4 2 4 2	2 8 2 8 3 0 3 2 3 2	0 0 0 0
6 7 8 9 10	12.4 12.4 12.2 12.0 12.0	13 6 13 6 13 6 13 4 13 4	13.2 13.4 13.6 13.6 13.6	25.6 24.6 24.0 23.4 22.8	27 6 28 4 29 4 30 2 30 2	28 2 28 2 27 5 26 5 25 5	14 0 12 8 16 6 21 8 20 9	10 7 10 9 11 5 10 9 10 7	7 7 7 1 5 5 4 6 4 3	3 4 3 6 3 4 3 4 3 4	3 2 3 2 3 2 3 2 3 4	0 0 0 0
11 12 13 14 15	12 0 12 0 11 8 12.2 12 2	13 2 12 8 12 8 12 8 12 8	14 8 19.8 19.8 20.1 20.4	23 1 24 6 26 0 26 0 26 8	29 0 29 0 28 7 27 6 26 3	26.1 27.5 27.5 27.5 26.5	20 6 19 7 15 5 18 5 17 7	10 0 8 6 7 9 7 9 7 5	3 4 3 4 3 4 3 4 3 4	3 4 3 6 0 0	3 4 3 4 3 2 3 1 3 0	0 0 0 0
16 17 18 19 20.	12 2 12 2 12 2 12 2 12 2 12 2	10 4 9.8 9 0 8 5 8 0	20 4 20 4 20 4 21 0 22 8	32 4 36 6 34 6 35 4 36.6	26 0 25 0 25.6 26 8 27 6	27.1 23.2 23.5 23.5 24.5 26.5	16 2 15 7 15 2 15 2 14 8	7 1 7 7 8 6 9 2 9 2	2 S 1 S 2 4 2 6 4 2	0 0 1 0 2 0 2 0	3.1 3 1 3 0 1 3 0	0 0 0 0 0
21 22 23 24 25	12 4 12 4 12 4 12 4 12 4	7 8 7 8 7 8 7 8 4 0	22 8 23 8 25 6 24 2 23 2	36 6 35.4 36.6 36.2 36.6	26 S 26 S 27 6 27 6 26 S	27 5 27 5 27 5 28 2 28 8	13 % 13 2 11 6 11 2 11 0	8 S 8 0 7 6 7 1 6 9	5 8 5 6 5 8 5 8	2 6 3 0 3 1 2 8	0 0 0 0	0 0 0 2 3 3
26. 27. 28. 29. 30.	12.4 12.4 12.4 12.4 12.4 12.4	0 0 0	20 4 19 4 19 4 20 4 21 4 21 1	36 6 36.6 30.4 28 0 26 3	26 3 23 4 19 8 21.0 24 8 25 1	29 2 25 8 28 8 28 8 28 8	11 0 10 6 10 6 10 6 10 2 10 8	6 6 6 4 6 2 5 3 5 1 5 8	5 6 5 6 5 6 4 3	2 6 2 6 2 6 2 6 2 6 2 6 2 6	0 0 0 0 0 0	3 1 3 1 3 4 3 0 2 8 2 0

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FABLE 42. FINK DITCH - Continued Summary of Monthly Diversion in Acre-feet

	1918	1919	1920	1661	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January February March April.								No record No record 789 1,401		No record 234 1,076 1,931	25. 97.9 1,503	753 549 1,109 1,737	505 702 1,009 1,622	
May June July August		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1,700	1,807	No record	1,775 1,822 1,601 866	1,562 1,750 N43 509	1,639 1,640 981 521	177	
September October November.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	, , , , , , , , , , , , , , , , , , ,	654 536 No record No record		557 539 No record		No record	2337	300	中 等 中 明 日 日 中 日 日 日 日 市 日 日 日	11 / 1 1 / 10
Totals						6,594	6,918	9,003	h 2	9,575	9,680	9,529	10,236	.,,,,,,

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TABLE 43. HANKI DITCH Continued

						sion in .	second-	icet				
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5			14.9 14.9 14.9 14.9 14.1	17 2 17 2 17 9 17 9 17 5	17 2 17 2 17 9 18 7 18 7	21 2 20 3 20 3 20 3 20 3	28 8 30 6 30 6 30 6 30 6	30 6 30 6 30 6 28 8 28 8	1 2 1 2 0 3 0 2 0	28 8 30 6 30 6 30 6 30 6		
6 8 9 10			15 6 15 6 9 8 4.1 4 1	17 2 17 2 7 6 10 0 12 0	18 7 18 7 18 7 18 7 17 9	20 3 19 9 19 5 22 4 25 3	30 6 30 6 30 6 30 6 30 6	23 6 27 0 28 5 29 7 30 6	0 0 0 0 5 6	32 4 32 4 28 8 28 8 27 1		
11 12 13 14 15			6 6 7 7 13 4 13 4	14 1 14 5 14 9 14 9 14 9	17 1 16 4 16 4 17 2 17 2	25 3 25 3 27 0 26 6 26 2	30 6 30 6 30 6 30 6 30 6	31 4 30 6 22 0 28 5 31 4	3 0 4 7 4 7 4 7 2 4	26 2 25 4 25 4 25 4 25 4		
16 17 18 19 20			13 4 12 7 12 7 8 8 8 8	14 9 14 1 14 1 15 6 17 2	17 2 17 2 17 2 17 2 17 2 17 2	25 3 25 3 27 0 4 7 28 8	30 6 30 6 30 6 30 6 30 6	31 4 31 4 30 6 31 4 31 4	5 1 4 7 6 6 6 6 5 9	25 4 15 6 14 2 12 7 12 7		=
21. 22. 23. 24. 25.			12 7 13 0 13 4 14 1 13 4	17 2 17 2 17.2 17.2 17.2	17 2 17 2 20 3 21 1 22 0	28 8 28 8 28 8 28 8 28 8	30 6 30 6 28 8 28 8 30 6	30 6 28 % 27 9 27 0 11 4	5 3 4 7 4 7 3 9 3 9	12 7 12 7 12 7 14 2 14 2		
9.0			13 4 17.2 17.2 17.5 17.9	17 2 17 2 17 2 16 4 16 4	23 6 23 6 23 6 23 6 23 6 23 6 22 4	28 8 28 8 28 8 28 8 28 8	30 6 30 6 30 6 17 2 30 6 30 6	6 6 3 0 3 9 3 0 2 1 1 2	2 9 2 4 2 4 2 4 1 8	14 2 10 1 13 4 12 7 12 7 12 7		• • • • • • • • • • • • • • • • • • • •
1926— 1 2 3 4 5		• • • • •		18 9 14 24 26	28 28 28 28 28	29 29 29 29 29	30 30 31 30 30	S 5 4 6	5 4 4 4 3	3 6 1 17 17	17 16 15 15	11 11 11 11
6 8 9				26 26 26 25 25	28 27 26 26 27	29 29 29 29 29	31 31 31 31 31	6 6 13 12 9	3 2 5 5	17 17 17 17	10 2 2 2 2 2	10 10 10 10 10
11 12 13 14 15				26 26 26 26 26	29 29 29 29 30	29 29 29 28 29	31 31 31 31 31	\$ 5 5	5 5 4 4	17 17 17 17 17	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 10 9 8 8
16 17 18 19 20				26 26 25 24 25	30 30 30 31 31	29 29 28 29 30	31 31 31 31 31	6 5 6 5 5	5 5 6 6	17 17 17 17 17	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 8 8 8
				26 27 27 27 28	31 30 30 30 30	30 30 30 30 30	31 31 30 27 20	5 6 6 6	6 6 6 5	16 17 17 17 17	6 13 14 17 18	8 8 8 8
30				28 28 28 28 28	29 29 29 29 29 29	30 30 30 30 30	20 19 19 20 19	6 5 5 5 5	5 3 1 1 0	17 17 17 17 17 17	19 11 11 11 11	3 3 8

TABLE C. HANKI DITCH Continued

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TABLE 43. HANKE DITCH Continued
Daily Diversion in Second-feet

Day	Jan,	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
					,	Julie	July	.vug.	Sept.		.104.	
1929 — 1 2 3 4 5	5.2 5.2 5.2 5.2 5.0	4 S 6 0 8 S 10 9 3 3	0 0 0 0	15 8 17 4 21 2 21 2 19 9	25 2 26 8 28 3 28 9 29 1	27 5 27 1 27 3 27 3 26 9	25 4 26 6 26 6 26 8 26 4	26 0 17 1 13 1 13 1 15 2	5 6 5 9 4 9 9 9 9 9	14 0 18 7 18 7 18 7 18 7 18 7	8 3 8 2 8 1 8 1 8 0	8 1 8 0 7 8 7 5 7 3
6	4 8 4 8 4 7 4 7 4 7	0 0 0 0	0 0 9 7 9 7 9 7	17 2 18 0 17 9 18 3 23 0	28 7 20 4 30 0 30 7 30 7	26 9 27 1 26 9 26 4 26 9	26 4 26 6 21 9 26 3 26 4	16 2 14 2 5 9 3 3 1 7	9 8 9 1 6 0 6 2 6 2	18 7 17 8 16 8 16 8 17 1	8 0 8 1 8 2 8 3 8 4	7 6 7 6 7 4 3 7
11 12 13 14 15	4.7	0 0 0 0	9 7 8 2 8 0 8 0 8 0	23 8 23 6 23 6 23 0 23 2	30 3 30.3 29.9 30 1 29 9	27 3 24 9 25 2 25 6 25 4	29 4 30 0 30 4 30 6 30 7	7 4 9 6 8 2 6 8 5 7	6 0 6 9 5 4 4 8 4 3	17 3 15 6 16 0 17 7 17 7	S 5 S 5 S 5 S 4 S 3	0 0 0 0
16 17 18 19 20	4 5 4 5 4 4 4 4 4 4	0 0 0 0	7 9 9 0 9 7 9 5 9 7	23 4 21 8 23 6 23 0 23 2	29 9 30 1 30 7 31 0 29 4	27 6 26 8 26 3 26 0 26 0	30 9 31 3 31 6 31 6 31 6	6 8 6 7 8 1 7 6 8 4	3 8 4 6 4 9 5 8 6 2	17 5 12 8 10 3 10 3 8 3	8 2 8 2 8 2 8 2 8 2	0 0 0 0
21 22 23 24 25	4 5 4 6 4 7 7 4 7 7 4 7 7 7 7 7 7 7 7 7 7 7	0 0 0 0	10 2 13 9 14 2 5 0 3 0	20 4 14 8 14 8 6 2 6 8	28 9 28 9 28 9 29 1 29 1	26 0 26 2 25 8 25 6 25 6	29 6 29 6 29 4 29 6 29 6	\$ 2 \$ 5 5.6 4.6 4.6	7 8 7 2 8 2 5 8 6 5	7.8 7.8 7.8 7.8 7.8	\$ 2 \$ 3 8 2 \$ 2 \$ 2	0 0 0 0
26 27 28 29 30	4 8 4 9 4 6 4 5 4 5	0 0 0 0 0	11 0 14 5 14 8 15 1 15 1 15 1	4 8 11.6 20 7 25 2 25 2	28 7 27 7 26 5 25 4 27 3 27 9	26 2 25 8 25 4 25 6 25 4	29 8 29 8 29 6 29 6 30 0 30 0	6 0 4 8 5 4 6 5 4 8 6.5	7 4 7 0 6 9 7 6 7 0	7 8 7 8 8 0 8 1 8 3 8 2	8 2 8 2 8 2 8 3 8 4	0 0 0 0 0
1930-	0 0 0 0	\$ 6 8 6 8 6 8 7 8 8	14 7 14 5 14.5 14.5 14 5	19 2 25 1 24 0 22 6 23 0	21 2 21 4 21 4 21 2 20 7	22 5 22 4 22 5 22 4 22 2	23 S 23 S 23 S 23 S 23 S	11 0 9 4 9 4 9 4 9 4 8.7	6 8 5 0 4 1 4 8 5 2	10.8 8 9 7 4 7 4 7 4	6 9 6 9 6 9 6 9	7,2 7,2 7,0 6,9 6,9
6 7 8 9 10	0 0 0 0	8 7 9 7 9 6 9 6 9 4	14 5 14 7 14 7 14 7 14 7	23 0 23 0 22 5 22 0 22 5	20.7 20.7 20.4 19.3 21.2	22 2 21 9 21 9 21 9 22 7	23 6 23 6 23 8 23 6 23 8	12 1 13 0 13 0 12 9 11 4	6 5 6 8 6 8 6 6 7 5	7 2 6 9 7 2 7 4 7 2	6 9 6 9 6 9 6 9	6.9 6.9 6.9 6.9
11 12 13 14 15	0 0 0 0	9 4 9 4 9.7 9 8 9 9	14 7 14 7 14 7 14 7 14 7 14 7	22 9 22 9 22 9 22 9 22 9 19 2	21.2 20.9 20.9 20.9 20.9 20.9	23 4 23 7 23 7 23 7 23 7 23 7	24 9 24 9 25 2 24 0 23 9	17.5 15.8 15.8 11.6 7.9	7 5 7 1 7 0 6 8 6.6	7 2 7 2 7 2 7 2 7 2 7 2	6.9 6.9 7.2 7.4 7.3	6 9 6 9 6 9 6 9
16 17 19 20	0 0 0 0 9 6	10.0 12.9 28.1 28.1 28.1	14 4 14 5 14 5 14 5 14 5	15 2 18 7 19 4 21 2 20.7	20 9 20 7 21 0 20 9 20.6	23 7 23 4 23 4 23 2 22 8	23 4 22 0 21 7 20 6 20 4	7 8 7 7 6.9 7 3 8 3	6 0 7 9 9 1 9 5 9.7	7.0 6.9 6.9 6.9 6.9	7 3 7 3 7 3 7 3 7 3	6.9 6.9 6.9 6.9
21 22 23 24 25	9 6 9 6 9 4 9 3 9 3	27 5 19.9 15 2 14 9 14.8	14 4 14 4 14 4 14 8 15.5	20.7 20.7 21.0 21.0 21.0	20 6 20 7 21.7 21.7 21.4	23.7 24.2 23.9 25.2 24.9	20 4 21 0 21 0 21 0 21 0	7 8 5 8 6 0 6 8 7 4	9 3 8 9 8 1 7 9 7.4	6.9 6.9 6.9 6.9	7 2 7 2 7 2 7 2 7 2 7 2 7 2	6 9 6 8 5.9 5 2 5.2
26 27 28 29 30 31	8 6	14 7 14 7 14 7	16.1 16.1 16.2 16.5 16.6 16.6	20.5 20.5 21.0 21.0 21.2	21 4 21 4 21 2 21 0 20 9 22 4	24 2 25.0 23.6 23.6 23.6 23.6	20 6 20 0 20 0 20 0 20 0 19 9	7.2 7.4 7.2 6.8 6.9 6.8	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	6 9 6 9 6 9 6 9 6 9	7 2 7 2 7 2 7 2 7 2 7 2 7 2	5.6 5.6 5.6 5.6 5.6

TABLE OF BASE DECEMBER Continued Summer of Marthy December of Marthy December of the Continue of the Continue

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TABLE 44. HARRIS SLOUGH Daily Diversion in Second-feet

		_							_	_	-	
Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
3.1.1			3 0 2 5 2 5 2 5 2 5 2 5	6 4 5 9 6 9 6 4 6 4	5 9 5 9 6 4 6 9	9 0 8 5 8 5 8 5 9 0	9 0 9 0 9 0 9 8 10 7	11 3 9 6 9 0 5 0 7 1	6 9 7 6 8 4 9 0 9 0	6 9 6 9 6 9 6 9 5 9		
\$ 9			2 1 2 1 2 1 1 2 1 2	11 3 11 3 7 4 3 9 6 9	6 4 5 9 6 9 6 9	9 0 9 0 9 0 4 8 6 9	10 7 10 7 11 3 11 9	6 4 5 9 5 3 4 8 4 8	9 0 9 0 9 0 9 0	4 8 4 8 4 8 10 1 6 9	-	
15		1	1 2 1 2 1 2 1 2 1 2 3 0	4 8 4 8 4 8 4 9 4 5	6 9 6 9 6 9 6 9 6 9	9 0 8 0 8 9 6 9	10.7 10.1 9.6 10.1 10.3	4 8 5 6 6 4 5 3 4 8	9 0 9 0 8 0 9 0 10 1	6 9 6 9 6 9 6 9		
16 17 18 19 20			3 0 3.9 3 9 3 9 3 9	4 3 4 3 4 3 4 3	11 3 11 3 8 0 8 0 6 9	6 9 6 9 6 9 6 9	10 7 10 7 8 5 8 0 11 3	11 3 10 1 11 3 11 3 11 3	9 4 8 5 8 0 9 0 8 5			
21 22 23 24 25			3 9 3 4 4 4 4 4 5 6	5 9 5 9 5 9 5 3 5 3	5 9 5 9 5 9 5 9	6 9 6 9 6 9 6 9	11 3 11 3 11 3 11 3 11 3	12 5 10 7 10 7 9 0 9 0	6 9 6 9 7 4 8 0 8 0	1 6 1 2 1 2 1 2 1 .2		
28 29 30			5 9 5.9 6 4 6 4 5 9 6 9	5 3 5 9 5 9 6 0 6 4	6 9 6 8 6 4 9 0 9 0	10 1 10 1 9 0 9 0 9 0	11 3 11 3 11 3 11 3 11 3 11 3	9 0 9 0 8 5 8 0 8 0 6 9	8 5 10 1 9 0 6 9 6 9			
3			3 7 7 5 12 0 12 0 12 7	\$ 9 \$ 8 8 8 8 7 8 6	12 9 11 5 11 5 11 3 10 8	16 4 17 2 15 0 15 0 15 0	12 2 12 2 13 6 13 6 13 6	0 0 2 0 3 9 0 7	0 3 0 3 0 2 5 3 0	0 0 0 0		
9			12.7 12.7 12.7 12.3 12.0	S 5 5 4 9 4 8 3 4 9	11 5 12 2 12 2 12 2 12 2 12 2	15 0 16 4 16 4 16 4 16 4	15 3 15 7 9 3 8 0 5 7	0 0 0 0	3 0 0 0 0	0 0 5 9 5 9 7.1		
			12 0 12 0 11 3 12 7 12 7	4 8 4 8 7 7 10 9 10 9	11 5 11 5 12 2 12.0 11 5	16 4 16 4 16 4 16 4 16 0	6 8 6 8 5 4 4 1 3 6	0 0 1 0 1 0	3 9 3 0 3 0 3 0	0.0		
16 17 18 19 20			12 4 12.0 11.9 11 8 11.7	9 5 9.5 9.5 10 2 10 2	12 2 12 9 12 9 12 9 12 9	15 7 15 7 15 7 15 0 15 0	3 6 2.3 0 9 0 5 0 5	0 0 0 1 0 1 3 9	0 0 0 3 0 3 4	7.1 83 83 83 83 83		
23 24 25			12.4 11 6 11 5 11 4 12 0	10 2 10 8 10.8 10 8 9 5	15 0 16.0 15 0 15 0 15 0	15 0 14 6 14 3 13 6 13 6	0 5 0 0 3.0 2 5	3 9 0 0 0	2 7 2 1 0 0 0	8 3 8 3 8 3 8 3		
29 30			12 0 12 5 9 2 9 1 9 1 9 0	9 5 9 5 9 5 10 8 10 8	15 0 15 7 15 0 15 0 15 3 15 7	12 9 13 6 13 6 12 2 10 9	3 0 3 0 0 0 0	0 0 0 0 0	0 0 2 1 2 1 2 1	8 3 8 3 8 3 7 1 5 9 5.9		

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TABLE 44. HARRIS SLOUGH- Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	Apri	May	Jane	July	Aug	Sept.	Oct.	Nov	Dec.
1928 1 2 3 4 5	6 3 6 4 6 4 6 3 6 2	6 5 6 5 6 4 6 5 6 5	8 4 8 6 8 8 9 1 8 8	7 6 7 6 8 3 8 2 8 0	14 3 13 8 13 3 13 5 13 9	14 6 14 6 14 8 14 8 12 6	10 2 18 7 17 4 15 8 15 7	6 9 5 5 6 0 6 4 6 3	3 3 4 3 4 1 4 1 4 1	3 9 7 7 7 9 8 6	11 0 11 7 11 7 11 7	12 0 12 0 12 0 12 0 12 0
6 7 8 9	6 1 6 1 6 1 6 1 6 4	6 4 6 4 6 3 6 2 7 9	8 2 8 0 8 0 7 9 7 8	7 9 7 9 9 5 9 5	13 9 13 9 13 8 13 5 13 2	12 9 12 6 12 6 11 5 11 0	15 5 15 7 15 7 15 7 15 8	4 2 3 1 2 6 2 8 5 5	3 5 3 0 3 0 3 2 3 2	9 0 9 2 9 0 9 5 9 5	11 7 11 5 11 5 11 7 11 7	12 0 12 0 11 4 12 0 12 1
11 . 12 . 13 . 14 .	6 4 6 3 6 4 6 4 6 4	7 9 7 9 7 9 7 9	7 6 7 3 7 5 7 5 7 3	9 5 9 8 9 6 9 2 9 3	13 2 13 7 14 3 14 7 14 9	12 3 14 3 11 2 11 0 19 0	16 0 16 0 16 3 16 1 16 3	6 5 5 5 4 7 5 0 4 6	3 1 3 3 3 3 2 9 2 4	9 8 10 0 10 3 10 5 10 5	11 5 11 5 11 7 11 7	12 0 11 8 12 0 12 0 11 8
16. 17 18 19 20	6 4 6 3 6 3 6 2 6.1	7 6 7 6 7 6 7 8	2 3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9 3 8 0 8 0 5 2 8 2	14 3 13 3 13 5 13 3 6 6	19 2 19 4 19 4 19 7 18 7	16 4 16 3 16 3 16 3 16 4	2 S 2 9 2 2 2 2 2 4	1 2 0 0 2	10 5 10 5 10 5 10 5 10 5	11 8 12 0 11 8 12 0 12 0	10 5 10 0 9 2 10 0 9 7
21 22 23 24 25	6 2 6 3 6 4 6 4 6 4	7 9 7 9 8 0 8 0 7 9	7 3 7 3 7 5 8 0 8 4	7 9 8 9 12 3 12 3 11 8	0 0 0 0 1 4	18 2 18 0 18 0 18 0 18 2	16 6 16 9 17 1 16 9 16 7	2 0 4 0 0 0 2	2 5 0 0	10 5 10 5 10 5 10 5 10 6	11 7 11 8 12 0 12 1 12 1	9 7 9 7 9 5 9 5 9 5
26 27 28 29 30 31	6 2 6 2 6 2 6 2 6 5 6 4	\$ 0 \$ 0 \$ 2 \$ 3	\$ 3 9 0 8 6 8 2 7 9	11 5 12 0 12 4 13 0 13 8	3 2 3 4 8 4 14 1 15 3 14 8	18 0 17 9 17 9 18 2 18 7	13 2 10 8 10 6 10 5 10 6 10 3	1 7 1 6 1 1 2 5 3 0 2 8	0 2 6 1 7 2 2	10 8 10 6 10 6 10 6 11 0	12 0 12 0 11 7 11 7 11 7	9 7 10 5 11 4 11 7 11 7 12 0
1929 — 1	7 1 7 0 6 9 6 8 6 5	\$ 2 \$ 3 \$ 4 \$ 4 8 5	8 9 8 8 8 9 8 9 8 9	9 8 9 6 9 7 9 8 9 8	12 0 12 2 12 6 12 8 12 8	15 5 16 6 17 8 17 6 17 4	9 6 10 7 10 9 10 7 10 5	8 S 10 2 11 2 11 0 10 4	4 2 4 2 5 0 5 6 5 4	7 1 7 1 4 9 4 8 4 9	3 4 3 4 3 5 3 6 3.6	4 4 5 7 5 6 5 2 5 1
6 7 8 9	6 2 6 0 5 8 5 9	8 4 8 6 8 6 8 6 8 4	8 9 8 9 9 0 9 6 9 8	9 7 9 8 10 6 11 0 10 8	12 7 12 5 12 5 12 7 12 7	17 5 17 3 17 1 17 0 17 4	10 4 10 2 9 6 9 4 9 3	10 8 5 0 5 9 4 3 3 0	5 6 5 4 4 5 4 6 3 5	5 0 4 9 4 9 4 8 4 8	3 6 3 7 3 6 3 5	5 4 5 9 5 5 5 2 6 1
11. 12 13 14 15	6 0 6 2 6 2 6 2 6 2	\$ 3 8 3 8 2 8 2 8 3	9 6 3 8 0 0	10 6 10 6 10 7 10 4 10 4	12 7 12 8 12 7 13 2 13 6	17 5 12 0 12 9 13 2 13 2	9 2 9 4 9 7 9 9 9 8	4 8 4 3 3 8 3 2 2 7	4 2 4 6 4 0 3 4 3 6	4 7 4 7 4 6 4 6 4 5	3 4 3 4 3 4 3 4 3 3	7 2 7 4 7 0 5 4 5 8
16 17 18 19 20	6 2 7 2	8 8 8 9 8 9 8 9 8.9	0 0 0 0	10 6 10 8 10 9 10 9 10 9	13 6 13 9 14 1 14 3 13.6	13 4 9 6 9 6 9 5 10 0	9 7 9 8 10 0 10 0 10 0	4 2 4 3 5 1 4 6 4 6	3 8 3 3 3 7 4 1 4 5	4 4 4 2 4 0 4 2 5 6	3 3 2 3 2 3 2 3 2	6 4 6 1 7 2 7 2 5 8
21 22 23 24 25	7 S 7 2 6 9 6 9 7 1	9 0 8 9 9 1 9 2 9 1	0 0 0 0 5 5	10 4 9 8 9 8 8 5 9 4	13 2 13 2 13 2 13 5 13 7	9.8 10 7 11 0 11 2 9 6	10 1 10 0 10 0 10 2 10 2	4 3 3 9 2 7 2 4 2 2	4 9 4 9 4 9 4 8 4 8	4 8 3 8 3 8 3 4 3 5	3 2 3 3 3 3 3 3 3 3	5 2 5 2 4 9 5 3 4 6
26 27 28 . 29 30 31	6 3 6.3 6 4 6 9 7 0 7 5	9.0 9.0 9.9	9 3 9 4 9 4 9 5 9 6 9 5	9 6 9 6 11 7 11 9 11 8	13 5 12 8 12 9 13 0 13 3 13 6	9 8 9 6 9 4 9 7 9 6	10 2 10 2 10 2 10 2 10 3 10 4	2 0 2 0 2 2 2 6 2 7 4 6	5 1 4 6 5 1 5 4 5 4	3 5 3 5 3 5 3 4 3 4 3 4	3 3 3 3 3 3 3 3 3	4 2 4 0 3 9 3 8 3 8 3 7

TABLE 41 HARRIS SLOU JH Continued

Da Die sion in Second-feet

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1330		5	6 1 6 6	4 1		6 2	1 7 T 7 T 7 T	1 4 5 7 5 4 4	4 1 4 5 3	1 1	1	6 0
4	1 5	3	3	1. 1 21 11 1 1 4	1 1 1 1 1 1 1	1 1 1	• 1	3 1 2 3 -	3 2 3 1 3 4	1	6	6 3 6 3 7 5
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TABLE 44. HARRIS SLOUGH Continued Summary of Monthly Diversion in Acre-feet

T	OF	KINGS	RIVER	WATER	MAS
	1930	214	555	321 580 424	5,016
	1929	2962	804 777 615 311	272 275 201 330	5,410
	1928	386 427 427 456 570	652 913 946 205	599 697 681	6,678
	1927	273	932 845 728 704	380 429 471 476	5,934
	1926		No record		
	1925	466	642 731 863 729	205 289	1,611
	1924	694	808 885 3285 22	351	3,736
	1923	3450	446 469 649 506	285	3,416
	1922	1		1	
	1921	# 0 0 1 1	7 0 P D 8 0 P D 8 7 P D 1 7 P D 1 7 P D 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E F O O O D O O E E E O O E E E O O E E E O O E E E O O D E E D O D E E D O D E D O D E D O D E D O D E D O D E D O D E D O D E D O D D E D O D D E D O D D E D O D D E D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D D	
	1920	9 5 9 2 9 0 1 3 9 5 9 1 9 0 0 1 9 0 0 1 9 0 0 1 2 0 0 0 9 1 1 1 9 2 0 1	0	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	1919	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	P 1 P 1 P 1 P 1 P 1 P 1 P 1 P 1 P 1 P 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 9 9 9 9
	1918	0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 11 7 7 0 0
		January February March April	May- June July August.	September October November December	Totals

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TABLE 45. JACK DITCH Continued Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1925 —							7		-			
1			0 7 0 7 0 7	0.4	2 6 4 6	6.0	3 4 2 9 2 4 2 8 3 2	4.5	0	0 \$ 2 3 2 3 2 3 2 3	-	
3			0.7	0 4 3 2 3 2 2 8	6.0	6 0 5 7 5 7 3 6 3 6	2.9	4 5	0	2 3		- •
4			1 0	3 2	6 0 7 4 6 3	3 6	2.8	4.5	0	2 3	-:	
3 .			1.0		6 3	3 6	3 2	4.0	0	2 3		
6			1 0	2 4 2 1 2 1 2 1	6.3	4.1	3 7	3 4	0	3 0	-	
8			1 1	2 1 2 1	6 3	3 6 3 1	377374	2 4	0	3 0		
9			0.7	2 1	6.8	4 4 5 7	2 4 4 5	3.5	0	3 3 2 8		
10			0 7	1.8	5 5			4.0	0			
11			1 0	1 6 2 6	4 1 1 2	5 7 5 7	4.7	4.0	0	2 8 2 8 2 8 2 8 2 8		
13			2.4	3 6	1.2	6.1	4 3	3 4 4 7	0	2 8		
14			2 4 2 4 2 4 2 4	3 6	2 6 2 3	5 5 5 0	3 7	4.5	0	2.8		
				3 6			4.0	4.0	0			
16			2 4 2 4 2 4 2 2 2 2	3 3 3	2 3 3.8 5 2 4 4	2 7 2 4 2 4 2 4 2 4	5 0	4 2 4 5	0	2 S 2 7 2 7 2 7 2 7		
18			2 4 2 4	3 3	5.8	2 4	4 0	4 5	0	2 7		
19			2 2	3 3 3 2 3 1	5 2	2.4	4.2	4 0	0	2.7		
					4.4		4 2	4 0	0			
21			2 2 2 1 2 0 2 0 1.2	2 6	4.1	2 4 2 4 0 4	3 4 3 4	3 7 3 2 3 3	0	2 7 2 7 2 7		
23			2 1	4 6 5 2	4 1 6 8 5 5	0.4	3 4 1 9	3 7 3 2 3 3	0	2 7		
24			2 0	5 2 5 7 5 7	5.5	0.4	0.4	3 4 2 0	0	2.2		
			1.2	5 7	4 1	0.4	0.7	2 0	0	2 2		
26			1 2	4.4	5 7 3 1	0.4	0.3	1.0	0	2 2 2 2 2 0 2 2 2 2 2 2 2 2		
28			2 4 2 4	3 1 3 1	3 1	0.4	0	0 2 0 2	0 2 0 2 0 2 0 4	2 2		
29			1 3	2 6 2 6	5.7 5.7 5.7	0 2 0 1	0	0	0 2	2 2		
			0 2 0.2		5 7 5 8	0.4	0	0		2 2		
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2							1.7	1.5	0			
0							1 7	1 0	0			
							1.5	2 0 1 7	7			
6							1.4	1.7	0			
Tarre							1.5	1.5	0			
8							1 7	1 3	9			
10						1	1 6	, 9	8			
							1 6	7	-			
12							1.7	4	1 0			
13							1 S 1 3	3	7 7			
15							1 7		7			
							17	1 0	0			
17							1 7 1 7 1 7	1 7	0			
18							1 7 1 6	1 7 1 8 1 5	0			
20						*****	1 6 1 7	1 5	0			
								1.0	0			
22							1 7	1 8	0			
23							1 9	14	0 2 1			
44							1 0 2 3	1 4	2 1			
26							2 6 2 6 2.7 2 4 2 1 1 7	1 5 1 5	5 5			
28							2 6 2.7	1 3	7			
43							2 4 2 1	1 4 1 5	1 1 1 1 0			
30							1 7	1 0	1.0			
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TABLE 45 JACK DIT H Continued

Da Directs in Second-leet

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1926										1		
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1930								1	4	1 5 1 5 1 5 1 5 1 5 1 5 1 7 1	5 9 0	
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4	-		1 1	4	1 1 1	- 1 - 1	1	1	1 1 1			
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TABLE 45. JACK DITCII - Continued Summary of Monthly Diversion in Acre-feet

1930	25 50 50 50 50 50 50 50 50 50 50 50 50 50	252	Off)	641
1929			15	156
1928		110	00 : : : : : : : : : : : : : : : : : :	213
1927		b10291 o.Z.		
1926		broson o Z		
1925	96	291 185 166 186	155	1,262
1924	0	121 93 134 0	0	450
1923	166	307	16	774
1922	+		1 4 0 0 1 3 3 3 7 0 0 0 0 7 1 2 3 3 7 0 5 3 1 5 5 5 1 5 5 5 1 5 5 5 2 5 5 5 3 5 5 5 4 6 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	
1921			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
1920				
1919		1		
1918			0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	January February March April.	May Muc July August	September Oetober November December	Totals

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TABLE 46. JACOBI DITCH Continued Daily Diversion in Second-feet

_			-									_
Day	Jan.	Feb.	March	Vpeil	May	June	July	Aug.	Sept.	Oct.	Nov.	Den.
3 4 5			0 3 0 3 0 2 0 3 0 3	0 3 1 0 1 1 1 1 0 9	1 0 1 0 5 0 9 0 6 6	6 4 6 4 3 4 3 2 2 1	2 3 2 3 1 7 1 3 1 0	0 % 0 % 0 % 0 3	0 0 0 0	0 4		
6 8 9 10		: ·	0 5 0 5 0 2 0	0 9 0 9 0 9 0 9 1 0	7 1 7 1 7 1 7 1 4 7	2 2 2 2 2 3 3 1 4 0	0 7 1 1 1 5 1 1 1 1	0 2 0 3 0 5 0 8 1 1	0 0 0 0	0 4 0 9 1 2 0 9 0 9		
13			0 0 0 0 3 0 3	1 1 1 7 2 3 1 9 1 9	2 3 1 1 1 1 1 7 0	4 0 6 3 10 7 11 6 12 5	1 5 1 2 0 9 0 9 0 9	1 3 0 5 0 0 2 0 3	0 0 0 0	0 9 0 9 0 9 0 9		
18			0 3 0 3 0 3 0 3	1 9 1 7 1 4 1 1	0 0 0 1 0 1 1 1	3 7 3 8 4 8 4 7 4 6	1 5 1 5 1 5 1 5 1 5	0 3 0 4 0 4 0 5 0 5	0 0 0 0	0 3 0 2 0 2 0 3 0 3		
23			0 0 3 0 7 0 6 0 6	0 9 0 9 0 9 0 9	4 2 4 2 10 7 13 7	4 5 4 0 3 5 3 5 4 2	1 5 1 1 0 3 1 1 1 1	0 3 0 2 0 1 0 1	0 0 0 0	0 3 0 3 0 2 0 1		
26 27 28 29 30			0 9 0 9 0 9 0 8 0 8	1 0 1 1 1 1 1 1 0 9	13 7 9 0 10 5 9 0 9 0 9 0	4 1 3 2 2 5 1 9 1 8	1 1 1 1 1 1 1 1 1 1	0 0 0 0 0	0 0 0 0	0 0 0 0 0		
1928— 1 2 3 4 5		- -					5 4 4 9 4 9 5 3 5 2	1 1 1 5 3 5 3 5 3 1	4.0			
6 8 9							4 9 5 2 5 2 5 2 3 8	1 7 1 3 1 5 2 9 1 8	2.5			
14 15							2.7 4.7 4.5 4.0 4.9	2 0 2 6 1 8 2 0 2 2	2 9 3 0 2 6			
19							4 7 3 9 4 9 4 7 4 9	6 3 6 2 3 2 5 2 7	2 3 2 3 2 3 2 3			
24 25							47745	2 0 2 0 1 8 1 4	2 3 1 8 1 4 1 1			
28 29 30							4 0 3 8 3 7 4 0 3 3	1 6 1 8 1 9 3 3 3 6 3 3	3 8			

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TABLE 46. JACOBI DITCII Continued Summary of Monthly Diversion in Acre-feet

. ,		ir MING		. ,,	217 7,1
	1930	261 155 225	152	10	1,505
	1929	0 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	72	27 59 138	251
	1928	2 P 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	550	10	561
	1927		b10001 0 i	Į	0 0 0 0 0 0
	1926		раоээт о <i>ў</i>	ζ	8 1 8 8 8 8 9 9
	1925	24	62 61 63 62 61 63 62 60 61	25	811
	1924	123	393 393 215 345	0 #5	1,380
	1923	10	2880 255 382 382	396	2,879
	1922	b	0 1 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	1921	+ 1 1 1 + 1 1 1	4)	
	1920	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P P P P P P P P P P P P P P P P P P P
	1919	2 2 2 7 8 8 8 8 9 8 8 8 9 9 8 8 9 9 9 8 9 9 9 9 9 9 9 9 9 9 1 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		9 9 9 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	1918	9 2 5 1 2 2 2 2 3 3 2 2 3 4 2 3 4 9 9 1 5 9 9 1 9 9 9 1 9 9 1 2 5 1 2 3 7 1 2 3		7 0 0 0 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		January February March April.	May May July August	September October November December	Totals

TABLE C. MELACUREN DITCH

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2			4		1	3 4	0		- 6 - 6 - 6 - 6 - 1 6		

TABLE 47. MCLAUGHLIN DITCH Continued

-										_		_
Day	Jan.	Feb.	March	April	Vlay:	June	July	Aug	Sept.	Oct.	Nov.	Dec.
1925—												
1		***	0 4	6 5	1 0	3 4	1 1	2 4 2 3 2 2 2 1 2 1	0	0 1 2		
3			0.4	0.4	3 3 5 7	4.1	0	2 3 2 2 2 1	0	1 2		
5			3 5	0 4	5 7 2 6	1 0	0	2 1	0	1 2 1 2 1 2 1 2		
			1.9	0							*****	
7			1 9	0	2 6 2 6 2 6 2 6	0	0	0 4	0	0		
8			1 9	0	2 6	0 2 7 3 1	26	1 4	0	0		
10			0	0	1 3	3 5	0 2 6 3 4 2 6	17	0	0 4		
11			1.9	5 1	0	2 7	3.1	1.6	0	0		
12			1 9	5 1 2 5 0	0	4.2	3 3 2 6 2 6 1 0	1.5	0	0		
14			1 9 2 7 2 7	0	0 1 0	5 ×	2 6	0 1 4	0 6	0		
15			2.7	0	1 6	5.5	1 0	1 3	1 2	0		
16			2.7	0 5	0	0	2 6 4 1	1.2	2 7 2 7	0		
18			27	0	2 8 5 7 5 7	0 4 2	4 1 2 6	1 2 1 2 1 2	2 7	0		
19			27	0.6	5 7 3 4	1.1	2 6 2 6 2 6	1 2	1.2	0		
						1 1		0		0		
21			0	0 5 5 9	4 9 4 2	0	2 6 2 6 1 0 2 6 5 7	1 2 1 2 0 6	1 2 1 2 1 2 0 4	0	• • • • • • • • • • • • • • • • • • • •	
23			0	0	4 2	2 7	10	0 6	1 2	2 7		
24			0 6.5	0 0 5	2 6 1 0	1 3 2 7 2 7 4 2	2 6	2 7	0 4	2 7 2 7 1 3		
26 27			7 3	0.5 4.1	1 0 2 6 2 6	2 7 1 1	3 3 1 0	0	1 2 1 2 1 2	0		
28			0 2	3 0	2 6 4 1	0 7 0 4	2 6	1 2	1 2	1 1 1 8		
30		*****	0.4	0 3	4.1	0	2 6 2 6 2 5 2 4	0 6	0	1.8		
31		******	6.5		3 7		2 4	1.2		1 8		
1928 —							0.4					
2							2 4 2 1	0	1 1 1 3			
3							2 4 2 1 2 1 2 3 2 3	0	1 6 1 6			
5							2 3 2 3	0				
6							2.1	0	1.6			
7							2 3 2 3	19	1 6 1 7 1 6			
9							2.4	0	1.5			
10							2 4	1.4				
11							2 4	1.4	1 3 1 2			
13							2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	14,	1 1			
14							2 3 2 3	2 5 2 5 2 2	17			
16							2 3	2 1 1 2 1 1 1 9	1 3			
18							2 3 2 3 2 3	1 9	1.2			
19							2 3 2 3 2 3 2 3 2 4	2 3	1 8 2 5			
22							2 3 2 3	2.3	2 4			
							2 3 2 3 2 4 2 4 2 4	1 9	2 5 2 4 2 3 2 1 2 1			
25							2.4	2 1	2 1			
26							1 9	2 0 1 8	2 3 2.1			
							1 8	1 8 2 1	2.1			
29							1.9	1 %	2 3 2 5 2 5			
30							1 9 2 2 2 1	1.8				
31							- 1	w. t				

TABLE 1º METAU AHAN DITCH Continued

Da Divers a in Second-feet

(40)		PR.	ы	t e	le a	((d)	Aug	-	Þ(9	1 her
1979									1 4	,	2 5	
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									1 4 1 4 1 3	/	3 5 . 3 . 3	
4								1 4	1 5	Ī	1	
								1 4	1 4 1 7 7	. 4	5 1 5 1	
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San San								1 1 1 1 1 1 1		3 4 . 8 . 6	3	
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1						1.1			1.4			
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			11		. 111			1 1				

TABLE 47. MCLAUHGLIN DITCH—Continued Summary of Monthly Diversion in Acre-feet

	8161	1919	1920	1931	1922	1923	1924	1925	1926	1927	1928	1929	1530
January February March						-	19	21					25
April May	1 9					30 .	733	157	p400	baos			125 146
July. August.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 1 0 0 1 0 0 2 0 0 2 0 0 1 0 0 2 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	169	108 8.55 8.52 8.53 8.53	132	No 10%	01 0 N	55	69	EE 0.00
September Oktober November					= -	28	59	38			103	12.23	103
December		1	8 9				0 0 5 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					V
Totals						457	713	761			334	354	1,06,1

TALLA SUICIMILI LITTI

Da serin i be ad-feet

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1923					2.4		6	4		
4		1	6		- 4	1000	- 4	4		
1		n nn				47	4	4		
15.							4	- 27		
100						1/20		-		
1 1 1 4 1		•				-		1000		
1								111		
1		- 4	- 44		1	1	11.11	10		
						The state of the s				
- 4		- 12	17					10		
		1			13			11		
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1924 -			11		1.5					
t 		1 6	4 4		1 1 4	E	1	Į		
		3 3 8				3	31			
4		6 6 4 8	到		1		31	Ť		
1		6 6 6		123			1			
6			233		52	3.	3	(8)		
4			1	ш	1 1	8		3		
1		1 #		-		3				
		1 1	1	E		Н	1	E		
						3		3		
		6 6 6 4 9	15			11		- 11		
		1 10		5.7	Ξ.	1		1		

TABLE 48 MITCHILL DITCH Continued

- Day	Jan.	Feb.	March	April	May	June	July	Aug	Sept.	Det.	Nov.	Dec
1925 —												
1 2 3			0 0	1 /1	2 0 2 0 2 7 3 4	1 8	1 S 2 6 1 9	2 6 2 6 2 6 1 8	1 1 0 3	0.5 0.2		
3 - 4 5.			0 0	1 6 1 5 1 5 1 5	3 4 3 4	2 1 0 8 1 4	1 9	18	1 4 0 8 1 1	0 2 0 2 0 2 1 1		
6.			0	1.5	14	1 4	1 9 1 8	0 S 1 4	1.2	1 1		
8 9			0	1 6 2 0 2 4 2 4	1 4 2 4 2 4 2 4 2 4 2 7	1 4 1 2 1 1	1 %	1 1 0 8	0.2	1 1		
10			0			1 1	1 4	0 b	0.8	0.5		
12 13 14			0 0	2 4 2 4 2 4 2 0 2 0	2 0 2 0 2 4 2 4 2 4	1 4	1 5	0.7	1 2 1 1	0 7 0 7 0 7 0 7 0 7		
15			0			1 2 1 1	19	0 6	1 1 0 S			
16 17 18			0 0 0	1 6 2 0	2 S 3 0	1 1 1 1 1 4	1 1 1 2 0 1 0 7	0.6	0.5	0 7 0 9 0 5		
19			0 3	1 6 2 0 2 0 2 0 2 0 2 0	3 2 3 1 3 0	1 4	07	0 9 0 7 0 3	0 0 7 0 5	0 2		
21			0 3 0 1	2 4 3 4	2 9	1.6	1 9	0 1 0 1	0 9	0		
- C			0 0 0	4 0 4 0 4 0	2 9 2 9 3 4 3 3 3 2	1 8	1 S 1 6 1 9	0 3 0 6 0 3	1 1	0 1 2 1 2 0 7		
26			1.8	3.4		1.8	1.9	0 3	0 5	0 3		
28			2 0 2 0 2 0 2 0	2 9 1 0 0	3 1 3 0 2 1 2 0 2 0	14	19	0 3 0 1 0	0 2 0 1 0 5	0.3		
30 31			2 0 2 0	2 0	2 0 1 9	1.4	2 6 2 6 2 2	0 1 0 3	0 5	0 2 0 2 0 2		
1928							2.5	2 1	0			
3							2 5 2 5 2 9 3 1 3 1	1 9 1 8 1 7	0			
3									0			
6 7 8							3 0 3 2 2 9 2 6 2 6	1 4 1 3 1 1	0 0			
9							2 6 2 6	1 1	0			
11 12							2 3 2 5	1 1 1 2 .7	0			
13 14 15							2 3 2 5 1 9 2 0 2 2	.7 6	0 0 1 3			
							2 2 1 6	.7	9			
19 .							1 1	0	6 5 5			
20							1 2	0	1 0			
21 22 23 24							2.0	0	ที ที			
24 25							1 9 1 7 1 6	0	6			
26 27							1 1 1 3 1 5	0	6			
29 29							1 5 1 6 2 0 2 0	() () ()	6		=	
31							2 0	0				

TAILE 45 MITCH II DITCH Continued

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	1	-	1			1 1	\$ \$	-				
31	0	Ľ		1 9 3 9			6 6 6		1			=

TABLE 48. MITCHELL DITCH - Continued Summary of Monthly Diversion in Acre-feet

1930	0 192 130 102 102 103	888	= : :		552
1929	noiste:	vib oX			
1928		128	53		190
1927	brox	и оХ			
1926	b303	ot oZ			1
1925	163	106 50	9 4 1	5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	647
1924	159	820	00		582
1923	जिल्हा कर च	011 011 011 011	34	0 P 0 P 0 P 0 P 0 P 0 P 0 P 0 P 0 P 0 P	489
1922	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 & 0 0 0 0 0 5 0 0 5 5 0 5 5 0 5 5 0 7 7 0 7 7 7 0 7 7 7 7	4	5 0 1 1 1 2 1 1 1 1 1 1 1 1 1	1 1 1
1931	7 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1920	0 9 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0		0 P 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 P 5 b 7 0 8	1 1 1 1 5 6 8
1919	1 0 0 7 0 1 1 9 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 1 1	
1918		6 1 1 6 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1	5 8 9 9 8 9 8 8 8 8 8 8 8 8	: 1 : 1 : 2 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5 : 5	1 1 5 0 1 0
	January February March April	June July August	September	November	Totals

TABLE 49 PHILLIPS DITCH

Da Divers in the id-feet

1	8	10.	Manig	Cont	Ma	Dell	140	1 g	hept	Det	1,-	ther
1973				1	i	0	1	******	1 2			
				1	ŀ		1 1		1			
			Ŧ	1 4	6 6	1 1		1 3		6		
14			1	1	1 4	4		1	1 9	The same		
- - - -			I	Ă,	1 1 4	4 4 2 1	1 4	1 1 1 1		1 2 1 6 1 6		
7				1	1 6	4 3 2 2	1 7 2	1 1 4 1 4 1 4	1	1 4 . 4 . 4		
1924			1	1		1 5 1 9	1 1	1 1 1 1 1 1 1 0	100	1 = 2		
٩				1	1 1 4 1 1	1 1 1	1		1	4 4 1		
6			100	1	1	1 6	100	0	200	1		
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-					I	9	1		10000			
100			1	1		The second		1 1	200	-		

TABLE 49. PHILLIPS DITCH Continued

Day	Jan.	Feb.	March	Annil	Man		-,,					
	- Jane		Platell	April	May	June	July.	Aug.	Sept.	Oet,	Nov.	Dec.
1925			0	0 3	3 7	0.3	3 1	3 1	0	8.7		
1)			0	0 1	5.1	2 3 2 3 1 0	3 1	3 8	0.3	8.7		
4			0	0	7 2 9 3	1.0	3 1 2 0 1 0	3 9 4 5 4 5	$\begin{array}{c} 1 & 0 \\ 1 & 0 \end{array}$	17		
3			0	0	1 0	6.5	1.0	1.7	1 0	1.7		
6			0	0	1 0	6.5	0	1.7	0.5	1.7		
8			0	0	1.6	7 2 7 9	1 7 1 7 0 3	4 5	0	1 7 1 7 1 7		
10			0	0	1 6 2 0	7 9 7 9	0 3	5 2 7 3	0 1 7	17		
			0	1.7		7.9	1.7	4 5	1.7	1.0		
12			0	0.8	2 3 1 7 1 7 1 7 1 7	9 3	1.0	17	2.4	0.3		
14			0	2 3	17	9.3	0.3	3 1	2 0 1 7 1 7	0 3		
15			0	2 3	1.7	0.3	0 3	3 1	1.7	0 3		
16			0	2 3 2 3	2 3 2 3 2 3	0.3	7 3	3 1 3 1	1 7	0 3		
18			0	1 0	2 3	3 1 3.1	7 3	3 1	2.4	0 3		
19			0	1 0	2.3	3 1 3 1	4 5 7 3 7 3 7 3	3 1 3 1	2 4	0 3		
21			0 2	2 3		3 1	4.5		1.9	0 3		
1919			0.6	2 3	2 3 2 3	3.1	17	3 1 3 1 3 1	17			
24			1 0	1 0	2 3 3 7 3 7 3 7	1 7 4 5	1 7 4 5 8 7	3 1	1 7 1 7 1 7 1 7	1 7 1 7 1 7		
25			1.0	1.0	3 7	4 5	8 7 3 1	0 3	1.7	2 4		
26			0	2 3 3.7 3 7 3 7 3 0	3 7	4.5	1.7	0	1.7	3 1		
28			0	3.7	3 7 3 7 3 7	4 5 3 8	0 3	0 0	1 7 1 7 1 7	3 1 4 5		
29			0	3 7	0	3 1 3 1	1.7	1 0	1 0	4.5		
31			ŏ		ő		1.7	0 "		4 5 4 5		
1928—												
2							2 8	0	2 2			
J							2 6	0	2 4 2 6 2 6		-	
5							2 8 2.3 2 6 2 6 2 4	0	2 5			
6							2 4	0	2 3			
8							2 5	1 7 1 8	2 3			
9							2 4 2 5 2 5 2 3 2 3	0	2 3 2 3 2 3 2 3 2 3			
10								8				
							2.3	1 3	2 3 2 5			
13							3 4	2 3 2 0 2 2 2 2	2 3 2 0			
15							4 1	2 2	1 8			
							4 0		0			
17							4 0	2 3 2 3 2 2 2 6 2.5	0			
19							4 0	2 6	0			
20							4 1		8			
21							4 0 4 0	2 2 2 4	1.8			
23							4.1	2.4	1.3			
24							4 0	2 4 2 0	5 8			
9.6							3 3	2.5	q			
27							2 8	2 3	0.0			
29							3 3 4 4 7 3	2 5 2 3 2 4 2 2 2 2	3 3			
30							2 4 2 7 2 3	2 2 2 2	3 3			
01			~~~~~									

TALLE 41 PHILLIPS DITCH Cort and

Day Divers in a Se and leet

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TABLE 49. PIJILLIPS DITCII-Continued

Acre-feet	
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Summary	

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1930	154	2022	O	1,870
1929			25.29	501
1928		192	100	404
1927	p.	10993 O.Z.		6 6 6 6 6
1926	p.	10991 0Х		5 5 6 7 1 0 5
1925	7.12	161 259 168 165	132	1,051
1924	113	88 87 31 31	35	646
1920 1921 1923 1923	10	76 76 81 81	48	370
1922	1	0 7 1 0 0 5 6 2 4 0 0 2 6 0 0 0 6 0 0 0 7 0 0 0 8 0 0 0 8 0 0 0 9 0 0 0 9 0 0 0 9 0 0 0 9 0 0 0 0		
1921		0 II 0 0 5 b 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0	
1920		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 1 5 6 6 3 1 6 6 8 9 6 1 9 9 6 1 9 9 6 1 9 6 1 9 9 6 1 9 9 6 1 9 9 9 6 1 9 9 9 9	
1919	1	5 I 0 5 5 I 0 I I 6 I 0 I I 9 I 0 I 0 6 I 0 I 0 6 I 0 I 0 6 I 0 I 0 6 I 0 I 0 7 I 0 I 0 8 I	3	
1918		1 1 3 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		3 1 0 0 0 0 0 0 0 0
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TABLE 50. RICE DITCH Continued Summary of Monthly Diversion in Acre-feet

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	1929	not toylb of	
	1928	nor-rath o7	
	1927	раожа о Х	
	1926	baowa oZ	ļ
1	1925	400 000 V 7	113
	1924	34.5 35.5 35.5 35.5 35.5 35.5 35.5 35.5	203
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Î	1920		
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		January. Pebruary April April May June August September October Docomber	Totals

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TABLE 51. SHORT DITCH - Continued

Daily Diversion in Second-feet

								reet				
Day	Jan.	Feb.	March	April	Мау	Line	July	Aug	Sept.	Oct.	Nov	Dec.
1925 1 2 3 4 5			1 7 1 7 1 5 1 5	2 1 2 1 2 8 2 8 2 4	5 5 5 5 7 0 8 4 6 8	3 4 3 4 3 4 3 4 2 5	5 5 5 5 5 5 4 1 2 6	1 9 4 9 4 9 0 9 3 4	0 6 0 0 0 0 0	8 4 8 4 7 6 7 6 7 6		
6 7 8 9			1 5 1 5 1 5 1 5 0 3	2 1 2 1 2 1 2 1 2 1 2 1	6 8 0 9 0 9 0 9 1 4	2 5 3 4 4 3 4 3 4 3	1 1 4 9 5 5 3 1 5 5	2 6 3 4 3 1 4 4 5 5	0 0 0 6 0 6 2 5	1 9 1 9 1 9 1 3 1 3		
11 12 13 14 15			0 3 0 3 0 5 0 5 1 0	2 1 1 0 0 3 6 3 6	1 9 1 9 0 6 2 5 2 5	4 3 4 9 4 9 4 9 4 9	4 3 3 4 2 5 2 5 3 0	6 1 3 4 1 9 2 6 3 8	2 5 0 6 0 6 0 6 0 6	1 6 1 9 1 9 1 9 1 3		
16 17 18 19 20			1 5 1 7 1 0 1 0 1 2	5 % 5 % 5 % 5 %	3 4 3 4 3 4 3 4 3 4	4 9 4 3 4 3 4 3 4 3	6 S 4 3 5 5 7 0 8 4	3 6 3 4 3 % 3 %	0 6 0 6 0 9 0 9 0 9	1 3 1 9 1 2 0 6 0 6		-
21 . 22 23 24			1 5 1 8 2 1 2 1 2 1	4 6 4 6 4 6 4 6 4 6	3 4 3 4 3 4 4 4 5 5	4 3 4 3 5 5 5 5 5 5	6 9 4 3 0 9 5 5 5 5	3 9 4 3 4 3 4 3 1 9	0 9 0 9 0 9 0 6	0 6 1 3 1 3 1 3 2 0		
26 27. 28 29 30 31			2 1 2 1 2 1 2 4 2 8 2 8	4 4 4 3 4 3 4 3	5 5 4 3 6 8 6 8 6 8 5 1	5 5 5 5 5 5 5 5	5 5 5 5 6 1 6 1 6 1 6 1	0 9 0 3 0 6 1 6 1 1 0 6	0 6 0 6 0 6 0 6 0 6	2882288		
1928 — 1 2 3 4							4 5 4 4 4 4 4	0 0 0 0	1 3 1 3 1 3 1 3 1 3			
6 7 8 9							4 5 4 6 4 6 4 6 4 5	0 0 0 0 1 3	1 3 1 4 2 6 3 3 3 3			
11 12 - 13 14 15							4 5 4 7 5 0 4 7 5 0	1 4 2 6 2 6 2 7 2 6	3 3 4 4 4 4 3 3 3			:
16 17 18 19 20							4 9 4 9 4 9 5 0 5 0	2 3 2 5 1 9 2 3 2.8	0 0 0 0 1 3			-==
21 22 23 24 25							4 9 4 9 5 0 4 9 4 9	1 6 1 7 1 7 1 6 1 7	1 4 1 4 1 3 1 0 1 3			
26 27 28 29 30 31							4 2 4 3 1 9 1 9 1 9	1 7 1 7 1 6 1 8 1 6 1 4	1 3 1 5 1 6 2 1 2 1			

Daily Divers in in Second-feet

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TABLE 51, SHORT DITCH Continued Summary of Monthly Diversion in Acre-feet

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9	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1			1 1 1 1			***************************************		1 mm
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1 2 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 1 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 1 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 0 0 0 1 0 0 0 1 1 0 0 1 1 0 0	22.00 22.00 22.00 23.00 20 20 20 20 20 20 20 20 20 20 20 20 2	400 358 307 155	251 264 296 194	b10991 o.X	Бтоэчт о.Z	933	103	167 1835 167 329
7 6 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0	4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7	7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		7 1 7 8 6 5 5 6 0 2 7 7 0 0 0 7 0 0 0 7 0 0 0 6 0 0 0 6 0 0 0 7 0 0 0	359	219	173			001	197	83
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TABLE 52. TURNER DIFCH Continued

Duily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Vug.	Sept	Oct	Nov	Dec.
1925												
1 2 3 4 5 			0 0 0 0	3 4 3 4 3 4 4 3 3 8	3 5 3 9 4 7 5 6 5 6	3 2 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2 8 2 8 1 4 0 9 0 5	2 0 1 4 0 9 0 1 3 6	1 1 1 1 1 1 0 9 0 7	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
6 7 8 9			0 3 0 3 0 2 0 0	3 4 3 1 4 3 4 3 4 9	4 6 4 6 4 1 4 1 6 3	2 3 2 3 2 2 2 6 3 0	0 1 3 6 6 3 4 5 5 1	3 2 2 6 4 1 4 5 4 9	0 3 0 0 0 0 5	3 7 3 7 3 7 2 8 2 9		
11 12 13 14 15			0 0 0 2 2 2 1 8	5 6 4 9 4 3 6 1 7 9	4 5 3 7 2 8 3 2 2 5	3 0 2 9 4 6 4 6 4 5	5 4 4 5 3 6 3 6 3 6	2 0 1 1 2 0 3 6 4 1	0 5 1 4 1 2 1 1 1 1	2 8 2 8 2 9 2 9 1 4		
16 17 18 19 20			1 5 1 5 0 0 3 0	3 4 3 4 3 4 3 4 3 3	2 8 3 1 3 5 3 5 3 5	2 9 2 9 2 0 2 8 2 8	4 9 4 5 4 5 4 1 2 7	4 3 0 5 0 5 0 5 4 1	0 0 0 3 0 1 0 9 0 9	1 4 1 4 1 4 1 4 1 4		
21 22 23 24 25			4 3 4 3 4 3 4 3	3 3 3 3 3 2 3 2	3 5 3 4 3 4 3 4 3 4	3 2 3 6 3 2 3 7 3 7	2 8 0 9 0 1 2 8 2 8	4 1 3 7 3 4 3 2 2 0	1 0 1 9 1 9 1 7	1 4 1 4 0 9 0 9 0 9	:	
26			4 3 3 9 3 9 3 6 3 4 4 3	3 2 3 2 4 0 4 0 4 0	34 33 33 33 33 33 33 33 33 33 33 33 33 3	3 7 3 7 2 7 1 7 1 4	3 0 3 2 3 2 3 2 3 6 3 6	2 0 1 4 2 0 2 0 1 7 1 4	0 9 0 9 0 7 0 7	0 9 0 9 0 9 0 9 0 9 0 9		
1928-	1		-				5 3 4 2 4 2 5 0 2 0	0 0 0	0 0 0 0			
8						ļ	4 2 4 5 4 7 4 2 3 9	0 0 0 0 0	0 0 0 0			
13							4 2 4 5 4 5 3 9 4 5	0 0 0 0	0 0 0 0			
16 17 18 19 20							3 9 3 9 3 9 3 7 3 9	0 0 0 0	0 0 0 0			
22							4 2 4 2 3 9 3 4 3 9	0 0 0 0	0 0 0 0			
27							2 8 2 1 2 8 2 3 2 8 2 3	0 0 0 0 0	0 0 0 0 0			

IMIC RESERVEDIES

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TABLE 52. TURNER DITCH Continued Summary of Monthly Diversion in Acre-feet

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1424		1- 0:	G 44
1928		800	33
1427	I rosar c	28	
1920	ba0993 c	X	
1925	28 42	36 99	1,321
1924	101 152 133 131	11 S	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1923	133 60 206 134	167	1,120
1922			
1561			
1920	= :		
1919			
1915			
			1
	January. February. March April May. June.	July August September October	November December Total

TALL OF CENTERVILLE BOTTOMS DITCHES

Mission in Monard and Diller to Dailing the Year 1421 1426 1427 and 1924

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\ug		- 11	1	52	4 .
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1 4 4			E.	Michigan	6
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121	122			222	٩
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And the last	100	4	1 4 11	-	17
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V		30	生活	100	4.1
Line at	Carrier Inches	8.1	4		1.7
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100	1)	137	1=70	Street Street	14

TABLE 53. CENTERVILLE BOTTOMS DITCHES Continued

Date	Ditch	Gage height	Diver on a Sec ft	Date	Ditch	Clage height	Diversion trac-ft
June 28 June 28 June 28 June 28 July 2 August 3 September 1 September 2 September 3 June 28 June 28 June 28 June 28 June 28 June 28 June 28	Cameron Carmedita China Slough China Slough China Slough China Slough China Slough China Slough China Slough China Slough China Slough Jack Jacobi Phillips Short Turner	1 70 1 00 0 76 0 69 0 65 0 82 1 55 1 00 1 15 1 25	3 34 6 29 9 98 12 19 18 08 9 63 0 26 6 31 1 50 7 50 7 50 3 03 3 46 3 43	Augu t 4 August 22 October 3 October 5 October 5 October 6 June 21 July 5 October 10 October 10 October 17 October 5 October 5 October 10 October 10 October 10 October 10	Carmelita Carmelita Jack Jacobi Mitchel Mitchel Philaps Philaps Philaps Philaps Short Short Short	1 40 1 05 1 68 1 28 1 07 0 90 0 82	5 40 3 48 6 47 5 58 5 55 2 58 1 93 2 14 6 35 6 92 6 92 6 92 5 26

TABLE 53. CENTERVILLE BOTTOMS DITCHES Continued

Date	Ditch	Gage height	Diversion Secft.	Date	Ditch	Gage height	Diversion Secft.
June 18. April 17 April 24. May 8. May 22. June 5. June 12. April 17. April 24. April 17.	Cameron Carmelita Carmelita Carmelita Carmelita Carmelita Carmelita Carmelita Jack Jacobi	0 68 1 60 1 52 1 68 1 79 1 95 1 89 1 20	40 3 12 41 10 88 11 50 10 50 12 55 10 64 3 43 No flow 3 77	April 24 May 22 June 12 April 24 April 17 April 17 April 24 April 24 April 24 April 21	Jacobi Jacobi Jacobi Matchell Matchell Phillips Phillips Short Short Turner	1 06 76 1 00 0 90 0 78 0 90 1 44 1 64	5 33 3 04 3 91 3 14 2 14 2 41 3 7 4 7 3 0

TALL CONTRAINED TOMS FIRMS

	76-		Lux	10,000	lex.		4	20		
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				6 4 6 6 6				6 6		

TABLE 54. CENTERVILLE BOLTOMS DITCHES. Continued

Combined Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	Jalv	Aug	Sept	Oct	Nov	Dec
925 —												
1			38 8 38 8	105 0 101 1	136 L 151 8	146.5 139.7	150 4	150 6	31.3	72 1 75 7 71 7 71 8 73 9		
0			37 7	111.0	172 1	137 6	149 7 111 3	151 k 152 3	27 5 32 6	71 7		
5			41 2 41 0	109 4 104 9	190 1 159 9	130 6 130 8	142 2 143 5	152 3 145 7 135 7	30 6	71.9		
6			42 4 50 0	101 7 116 0	164 1 159 4	132 N 132 H	115 0 154 9	113 6	24.7	75.9		
. 5			41.8	103 2	167 4	136 0	151 7	1.4 2 137 9	24.9	S1 4 97 5		
9 10			31 9 37 1	106 0 100 1	154 1 136 S	145 4 161 2	14 F 7 157 2	150 4 163 5	23. 9	82.0		
									15 1	79.2		
11 12			38 I 53 2	101 6 103 6	119 4 100 0	156 5 173 6	158 6 154 3	167 7 149 8	4+5	78 3 78 2 73 6 73 1		
13			58 3	111 1	92.3	191 3	150.5	136 h	35 0	73 6		
14			68 1 68 9	115 K 114 9	115 1 112 6	181 3 171 6	146 2 142 4	143 6	35 4 35 4	73 5 81 2		
16 17			69 9 68 4	106 7 113 3	115 3 133 5	140 5 1 131 8	161 6 152 9	143 8 139 6	34 9 34 5	50.5		
10			66 4	99.5	1.53 0	145 7	154 2	136 2	32 4	78 2 65 3		
20			62 3 65 9	105 2 117 7	147 5 137 3	110 5 142 6	161 3 168 5 (128 9 125 5	39 9 37 6	53 R 57 0		
21 22			70 S 71 9	116 2 157 9	139 1 142 3	137 0 137 6	150 0	120 9 112 9	35 7 33 8	56 8 57 0		
			84 1	158.0	142 3 173 4	115 6	130 6	111.8	35 1	60.9		
24 25			92 2 91.1	171 7 151 9	170 4 174 0	123 1 131 9	135 2 133 6	111 0 55 5	31 1 27 1	61 S 61 2		
			94 9	143 9	181-9	100 6						
27			105 6	137 0	166 1	128 6 115 2	133 6 134 4	73 6 55 3	21 3 29 1	67 B		
28			98 5 102 6	132 5	180 1	118 0	133 4	44 6	33 6	74 1 75 7		
29 30		1 1	107.9 117.6	124 3 133 9	179 7 177 3	121 1 143 5	117 0 131 2	46 6 43 2 40 7	32 3 33 9	75 4		
31			117 6		161-8		138 9	40 7		79.7		
128-												
2	1						122 0 118 0	73 G 67 G	25 2 41 1			
0							114.8	61.0	39.9			
1							115 S 116 4	50 7 45 9	40.7			
7							119 8 123 0	49 1	37 S			
8	(· · · · ·						124 2 119 8	45 6	35 3			
10							114 2	41 3 45 2	38 1 39 4			
11							120-3	45.7	38.5			
12							123 6	49.4	41.8			
13							120 7 112 5	48.5	40 9 40 2			
15							119 4	48 1	37 0			
							114 7	45.7	31 4			
17							110 0	51.0	24 2			
18							113 9	50 7	24 2 21 2 23 7			
							110 7	48.7	25 3			
21							110 0	40.6	33 9			
22							108 4	45.9	36.4			
23							104 4 96 1	41.3	33 9 37 7			
25							96 3	41 0	54.2			
26							103 1	450	31.8			
27							109 0	43.5	37.5			
28							103 6	40 2	40 %			
30							89.3	41.0	44.7			
							107 4	37.0				

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TABLE 54. CENTERVILLE BOTTOMS DITCHES Continued Summary of Monthly Diversion in Acre-feet

	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Junuary February March April						55 17 17 17 17 17 17 17 17 17 17 17 17 17	5,367	1,074) opajd	j ənəşd			3,056 3,755 4,315 7,316
May. June. July August						7,765 6,354 7,606 6,138	9,360 6,911 4,792 1,043	9,240 8,856 7,341	Ішоэні ярчо.	mooni stro:	6,450 5,442	2,057	3,435
September October November December						8,525 8,535	3,648	1,053))	>>}{	2,161	2,356	2,670 3,215 5,3365
Totals for pariod						45,719	38,906	51,454			11,9%3	11,035	55,625

· Estimated from weekly reports.

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CHAPTER IV

RIVER GAGING STATIONS

The oldest gaging station on Kings River is at Piedra about 26 miles east of Fresno and only two or three miles into the foothills from the valley floor. It is below all tributaries entering the stream and above all canal diversions. The flow at this point is the basis for determining the schedule entitlements of the various canals which are members of the Kings River Water Association. This station was established by the United States Geological Survey on September 3, 1895. An unbroken record of the daily discharge expressed in cubic feet per second is now available from October, 1895, to December, 1930, and may be found in this chapter.

The following gives a brief description and history of several minor stations which have been established on Kings River and its lower forks for various purposes. Complete records of the river flows at these stations are also presented in tabular form.

Beginning with the year 1919 records have been kept of the flow in the North Fork Zalda Channel at Elkhorn Grade near Burrel, Two additional stations were established on the North Fork in 1927; one on Fresno Slough in Section 35, T. 15 S., R. 16 E., M. D. B. and M., and the other on Fresno Slough By-Pass in Section 1, T. 15 S., R. 16 E., M. D. B. and M. In the year 1920 a rather temporary cable station was built on the South Fork just below Empire Weir No. 2. This station is below all canal diversions and defines the flow of Kings River entering the Tulare Lake Basin. To obtain data relating to the return waters and percolation losses in several sections of the river channel, water-stage recorders were installed at the upper end of the Reedley Narrows and below the Peoples Weir. The record, however, is limited to stages of river flow when wading measurements can be made at these points. A third station located at Clark's Bridge near Kingsburg was added to the group in July, 1930. To aid the water master in administering the river schedules on the lower river, a cable gaging station was built below the Lemoore Weir in March, 1926. Studies of the division of water between the North and South Forks of lower Kings River made it necessary to establish gaging stations on San Jose Slough, Clarks Fork and Green Slough. Certain other stream gagings made at various times below the Fresno Weir, in the Back Channel or Alta Channel and in Dennis Cut, have been added to the tabulations on river stations.

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TABLE 55. KINGS RIVER AT PHORA

Daily Discharge in Second-fest

					ntly De	scharge i	11 256 11	id-fort				
Day	Jan.	Feb.	Mare	h April	Mag	Jun	JĄ	1 8	Sept	Oct	Nos	1)1 e
1895 - 1 2 3 4 5										(7) 470 470 10 130	4 (1) 4 (1) 5 (1) 5 (1)	-41 -43() 4-1) 4-3)
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16 17 18 19 20										390 430 4 0 510 550	340 390 390 350 350	3 d1 310 390 . 50 3 o
21 22 23 24 25			-							590 590 590 550 510	1.50 1.90 1.50 310 310	51111
26 27 28 29 30 31										510 470 470 430 430 430	350 350 350 390 510	
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1 2 3 4 5	390 390 390 390 390	1,010 884 884 884 820	1,010 884 1,010 1,010 1,010	948 1,010 1,080 1,140	1,500 1,500 1,500 2,600 2,600	13,800 13,800 13,800 13,800	4,370 3,670 4,600 5,720 6,690	1,210 1,140 1,140 1,010 948	590 550 550 550 550	350 350 30 . 50 350	470 470 470 470 470 430	510 510 510 510 510
6 7 8 9 10	390 390 390 390 390	774 774 774 774 774 728	1,010 948 1,010 1,080 1,140	1,500 1,950 2,600 3,470 4,600	4,600 4,600 2,600 1,500 1,140	13,800 13,500 13,800 13,800 13,800	6,680 6,680 6,680 6,340 6,340	884 820 820 774 774	5(4) 5(4) 5(4) 5(4) 5(4)	310 310 310 310 310	4 0 310 390 510 636	510 510 510 510 510 510
11 12 13 14 15	390 390 390 390 390	728 728 728 728 728 728	1,280 1,430 1,500 1,500 1,430	2,600 1,840 2,470 3,470 2,770	1,140 1,140 1,140 2,600 2,600	18,900 16,300 15,300 14,300 14,800	6,340 5,160 4,140 3,100 2,940	774 728 728 728 728 728	590 530 510 510 470	310 310 310 310 310	774 636 590 550 510	510 510 470 470 510
16 17 18 19 20	510 774 8,500 2,600 1,840	774 774 774 774 774 820	1,360 1,360 1,500 1,500 1,760	1,500 820 390 590 820	4,600 4,600 4,600 4,600 4,600	15,800 16,300 16,800 15,300 13,800	2,77) 2,600 2,470 2,200 1,950	725 774 774 520	430 430 430 3 iO 390	310 310 110 310 310	510 470 4.0 430 430	550 550 550 510 470
21 1 22 23 24 .	11,000 2,770 1,840 1,430 1,280	820 774 774 774 884	1,840 1,840 2,200 2,470 7,020	\$20 \$20 1,140 1,500 1,950	4,000 4,600 4,600 4,600 7,700	12,400 11,000 9,720 8,300 7,360	1,950 6,030 3,470 2,000 1,950	\$20 \$20 728 728 728 183	350 430 470 470 470	310 310 310 31) 31	430 430 590 820 1,080	470 470 470 470 470
27 28 29	1,500 1,280 1,080	\$84 884 1,140 1,140	4,600 2,940 1,950 1,500 1,140 820	4,600 4,600 3,470 1,500 1,500	11,900 16,800 22,100 22,100 16,800 11,900	7,020 7,020 7,020 6,030 5,160	1,740 1,670 1,500 1,360 1,210 1,210	6.6 6.6 636 636 530	4°0 48.) 4. 1 5.0 3.0	350 310 310 310 310 510 510	7.3 1.3 550 470 470	470 470 470 470 510 510

Da a Discharge in Second feet

Bank. • -1 4 100 1 E 0 4 10 11 4 4.6 --4.6 10 . 4 4.60 4 4.0 11,98 14.6 CIA 11 1.60 • 4 1,00 1,000 4 . 44 044 6 0 -4 1 . . 4 4_ - -4.6. н 4.6 1 6 4 4.6 . 6 4.00 4 - 0 4 1 6 - 6 4 1 . -10 4 % 10 4.6 - 6 4.6 0.0 1.0 0 6.0 6.1 1.6 100 19 6.0 -100 11 1.0 4 310 CHI. 16 1.0 1.1 -1 1 1 4 ' 1 - 4 100 1.1 -= 10 4 0 9 1.1 . 0 16 . . 1 Œ . 1 4 - 4 1.6 4 2 10 0.00 = 16 - 0 1 . . . 1 -6 6411 4.4 11 1 6 2300 4 5 -1000 S 4 -4 -16 11 10 = 3 3 4.6 -1 (m) 4 -4 4 0 14 6.6 1896 1 44 4 39 4 9 700 Ħ 559 14 0 0 4.0 * 6 6 0-1 4 4 0 0 0 1 444 Mail 100 M 116 -6.6 M 280 59,2 9 lж 0.4 = æ 390 ---wi 4 4 1 160 1.4 1.0 -90 -6 10 4 116 114 E I 166 1 6 . 14 4 1,= E 0 0. 4 7 -4 4 4.6 1.0 160 L . 12.7 0.0 - 1 . 킜 76 L . 4 11 1 1 1 4 1 . M 144 20 -0 Lies 킅 4.4 -6 ĸG. 1.6... 8 245 360 6.0 100 -

TABLE 55. KINGS RIVER AT PH DRA Continued Daily Discharge in Second-feet

Day	Jan.	Feb.	March	April)	VIa	J	J=v	ΛTZ.	per t	Det	11	Dec
1899 — 1 2 3 4 5	250 250 320 400 285	572 624 572 480 480	70% 70% 70% 70% 70% 70%	1 830 1 830 1, 0 2,030 1,280	2,350 2,240 2,240 2,240 2,240 1,450	4 ×"0 4 (×) 4 (×) 3,920 5, 20	. 50 . 50 . 50 . 2 - 50 1, 65	572 5-4 572 5-450	250 250 250 283 283	1×1 1×1 1×1 1×1	4/H1 4/H2 3/M2 4/H2 4/H2	15 45 52
6 5 9	285 320 400 360 400	480 440 480 480 526	790 790 944 90%	3,600 3,920 4,680 5,100 5,100	2,450 2,581 3,600 3,440 3,600	%,%00 %,100 %,%00 %,400 9,700	2,240 1, 1 1,740 1,640 1,550	4×3 525 526 4×3 4×0	250 250 215 250 215	150 150 150 15 15	360 360 340 97t 1 100	45 440 440 450 450
11 12 13 14 15.	1,310 780 624 572 526	526 526 526 572 572	\$44 728 676 676 624	5,320 5,320 5,320 6,000 6,780	3,760 3,440 3,600 3,760 3,440	10,000 10,300 5,500 7,040 7,600	1,450 1,350 1,310 1,40 1,170	480 440 440 400 400	215 215 250 -15 -15	1.5 215 302 320	676 1,040 844 725 621	440 490 490 572 1, 4)
16 17 18 19 20	572 572 572 572 572 526	572 624 624 676 844	728 738 780 780 1,040	7,300 5,770 6,260 5,100 6,000	3,600 3,760 3,920 4,300 3,440	7,300 7,300 7,040 6,260 1,000	1.170 1.100 1.40 1.100 1.04)	400 400 360 4 M 3 - 7	215 215 216 180 215	526 60 400 420 420	1,240 3/8 740 575 572	5,100 1,8 1 310 1 170 1,040
21 22 23 24 25	526 526 572 526 526	1,040 1,040 972 972 972	1,100 1,530 3,600 7,900 20,200	6,520 6,789 6,000 4,490 4,490	4,4,0 4,300 4,4,0 4,680 3,920	4.570 4.430 4.110 4.110 3.440	972 973 908 844 972	360 320 70 320 320	150 180 180 180 180	440 1,200 1,140 624 52r	6_4 790 676 624 624	72 905 505 505 905
26 27 28 29 30 31	526 526 572 572 624 572	\$44 728 728	4,300 3,440 2,580 2,850 2,240 1,640	3,440 3,120 3,440 2,030 2,580	3,760 3,760 4,680 4,570 4,680 3,760	3.120 2.580 2.850 2.850 2.850 2.850	972 908 844 750 725 676	285 285 285 285 285 285 250	180 180 180 180	520 520 480 480 460 440	624 624 572 572 572	,419 40% 544 544 2,580 1,830
1900 - 1 2 3 4 5	1,830 1,740 12,700 4,680 2,450	780 780 780 780 780	780 780 780 780 2,350 1,550	2,850 2,350 2,240 1,930 2,030	2,034 1,930 1,930 2,138 2,584	7,600 7,900 7,040 7,040 6,780	2,450 2,242 1,930 1,73% 1,642	572 624 624 624 624 572	285 285 100 676 526	230 215 250 340 360	285 320 285 285 285	972 972 944 844 844
6 7 8 9	2,030 1,740 1,450 1,380 1,240	728 728 728 676 676	1,240 1,100 972 1,030 1,240	1,930 2,350 1,830 1,550 1,930	2,852 3,120 3,600 4,300 5,096	6,7%0 6,7%0 6,5%0 5,774 5,322	1.545 1.834 1.834 1.728 1.738	526 576 480 480 440	440 400 400 360 60	400 320 320 320 320 345	250 250 285 285 285	544 505 505 605 750
11 12 - 13 14 15	1.170 1.100 1.100 1.100 1.100	676 676 676 676 676	1.450 1,550	1,740 1,640 1,640 1,830 1,450	5,774 3,760 3,440 3,760 4,690	4,870 4,650 4,870 4,490 4,110	1,642 1,546 1,450 1,310 1,240	440 410 360 360 360	320 320 285 285 285	2×3 2×5 2×5 2×5 2×5	285 250 250 250 250 250	757 725 726 676 75)
16 17 19 19.	1,100 1,040 1,100 1,040 1,040	676 676 728 780 844	2,140 2,030 1,930	1,640 1,740 2,580 2,450 2,720	6,260 9,200 9,500 5,500 8,500	3,920 3,420 4,440 5,096 5,322	1 170 1,036 972 972 972	360 728 360 320 320	285 285 285 250 250	255 255 255 255 255	320 2 832 576 524 624	676 676
21 22 23 24 25	1,040 972 972 972 972 972	780 780 780 780 780	1.930 2.030 1.930 1.930 1.930	2,850 2,450 2,350 2,350 2,240	9,500 8,500 9,400 7,300 6,580	5,096 4,870 4,300 4,110 4,110	972 1,036 408 1,240 780	320 350 320 320 2×5	250 215 215 250 215	440 400 360 360 320	16,000 3,920 1,930 1,542 1,450	676 676 725 725
26 27 28 29 30 31	905 844 844 844 844 844	750 780 750	2,240 2,030 2,030 2,140 2,240 2,550	2.140 2.240 1.930 1.930 2,030	\$,800 \$,200 \$,200 7,300 \$,800 \$,800	4 300 .,950 3,610 3,440 2 .86	728 676 671 624 624 570	255 285 285 285 250 250	25 250 251 250 250	320 320 320 320 325 255	1.310 1.103 1.103 1.22 1.0.6	54 54 54 572 572

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REPORT OF KINGS RIVER WATER MASTER

TABLE 55. KINGS RIVER AT PIFDRA Continued

Daily Discharge in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug.	Sant	Oct.	Nov.	Dec.
Day -		-		Apra	vitty	Jun	July	vug.	Sept.	tret.	NOV.	Dec.
1903 1 2 3 4 5	330 330 330 330 330 330	1,470 1,170 1,100 1,100 1,040	\$50 790 790 1,040 1,310	6,030 4,100 3,130 3,130 2,580	5,090 5,780 6,540 7,300 7,050	10,400 12,800 11,800 9,290 10,800	4,680 4,480 3,750 3,430 2,980	910 850 850 790 790	280 280 280 280 280 330	210 240 240 280 240	180 180 180 160 160	240 230 240 210 210
6 7 8 9 10	330 280 280 330 330	972 850 1,040 972 910	1,170 972 972 1,170 1,100	2,580 2,340 2,700 3,130 4,280	7,940 9,290 9,680 11,300 11,800	12,300 11,800 8,900 8,260 8,260	2,700 2,340 2,030 1,830 1,740	730 730 670 670	280 280 240 240 240	240 240 240 210 210	160 160 180 180 180	210 210 210 180 180
11 - 12 - 13 - 14 - 15 -	280 280 280 240 280	1,040 1,040 910 850 790	1,100 1,100 1,100 1,100 1,240	2,980 2,580 2,580 2,580 2,340	13,800 16,600 17,200 17,200 17,200	8,580 7,620 7,940 8,580 7,620	1,740 1,830 1,830 1,830 1,740	670 610 610 610 610	210 240 240 210 210	210 210 180 180 180	180 180 180 180 180 210	180 180 180 180 180
16 17 18 19 20	280 240 240 240 240 240	1,100 790 790 790 790 790	1,170 1,310 1,170 1,100 1,100	2,130 2,580 2,030 2,030 2,030	16,600 12,800 9,680 8,580 8,900	5,320 5,090 5,780 6,280 6,540	1,640 1,640 1,740 1,830 1,740	610 550 490 490 430	210 210 210 210 210 210	180 180 180 180 180	240 210 210 210 210 210	180 180 210 210 210
21 22 23 24 25	280 240 280 280 280 380	850 850 850 790 850	1,040 1,100 1,100 1,740 4,280	2,230 2,540 3,750 4,890 4,680	7,620 6,540 6,790 6,280 5,780	7,050 6,540 6,250 6,540 6,790	1,640 1,560 1,560 1,470 1,040	430 430 430 430 380	180 180 180 180 180	180 180 160 160 160	430 380 330 330 330	210 210 210 210 210 210
26 27 28 29 30 31	490 2,840 13,200 2,130 1,470 1,390	790 790 790 790	2,340 2,030 1,930 2,340 2,450 3,580	5,090 4,890 3,910 3,910 4,680	5,320 4,890 4,680 4,680 11,300 11,300	7,050 6,540 5,770 5,320 4,890	1,040 972 972 972 910 910 910	380 330 330 330 280 280	160 180 180 180 210	160 160 180 160 160 160 180	280 280 240 240 240	210 210 210 210 210 180 210
1904 — 1 2 3 4 5	182 182 182 182 182 182	200 200 200 200 200 240	940 940 1,050 1,120 1,090	2,460 2,400 2,340 2,180 2,340	2,900 2,700 2,830 3,480 4,810	9,720 10,700 14,600 13,300 12,300	3,170 3,030 2,770 2,640 2,640	1,430 1,600 1,430 1,270 1,200	470 445 420 420 395	1,730 1,820 1,870 1,920 2,070	940 940 975 870 805	470 445 445 420 370
6 7 8 9	200 165 165 165 165 165	260 740 280 240 200	940 1,010 1,120 1,200 1,510	2,580 2,960 3,240 3,730 4,280	6,490 8,770 9,310 10,100 11,900	11,900 10,300 8,120 8,440 8,610	2,640 2,700 2,700 2,400 2,180	1,240 1,510 1,690 1,870 1,640	370 347 347 325 303	2,830 2,900 2,900 2,900 2,400	772 740 710 680 680	347 325 325 347 347
11 12 13 14 15	165 165 165 165 165	240 260 420 395 347	2,340 1,390 1,390 1,390 1,390	4,810 5,260 5,960 5,490 5,490	12,100 13,300 14,300 14,900 14,900	9,100 9,310 9,510 8,440 8,120	1,970 2,020 1,870 1,730 1,600	1,350 1,120 975 1,010 1,120	303 280 280 280 280 280	4,000 3,820 2,640 2,230 2,070	653 625 625 597 570	325 325 370 325 325
16 17 18 19 20	165 165 200 200 165	470 2,340 905 740 570	1,470 1,430 1,640 2,070 5,260	4,700 3,900 4,090 4,920 4,090	15,700 16,000 15,200 10,300 9,310	7,950 7,320 6,770 6,080 6,080	1,510 1,470 1,470 1,510 1,470	1,200 1,200 1,010 870 805	395 395 395 370 370	1,870 1,640 1,510 1,430 1,350	597 597 545 545 495	325 325 280 280 303
21 22 23 24 25	240	570 772 772 975 1,090	2,700 2,070 8,120 3,100 2,290	3,320 3,320 2,770 2,640 3,030	9,720 10,900 14,100 14,600 14,900	5,140 4,810 4,920 4,490 4,090	1,470 1,470 1,690 1,790 1,690	710 652 597 625 653	370 347 347 1,160 3,100	1,350 1,310 1,310 1,310 1,270	520 495 495 470 420	303 325 303 303 445
26 27 28 29 30 31	220 220 200 200 200 200 200	1,160 1,010 1,820 1,120	1,970 1,970 2,640 5,490 3,480 2,700	3,320 2,900 2,700 2,520 2,830	11,900 8,940 9,300 10,540 10,100 9,720	3,650 3,560 3,480 3,480 3,320	1,730 1,820 1,690 1,430 1,240 1,200	625 653 625 597 520 495	2,120 1,690 1,510 1,600 1,640	1,240 1,160 1,120 1,050 1,010 975	420 420 470 470 470	349 325 370 325 370 520

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REPORT OF KINGS RIVER WATER MASTER

TABLE 55. KINGS RIVER AT PIEDRA Continued
Daily Discharge in Second-feet

Day	Jan	Feb.	March	Apr I	May	fine	J Iy	Vig	Sept	()c[.	Nov	Dec
1907 1 2 3 4 5	960 760 680 800 1,040	1,525 1,570 1,770 1,670 1,880	1,390 1,345 1,390 1,323 2,430	4,440 5,400 4,645 3,850 3,515	7,505 7,830 8,660 8,660 6,790	14,170 15,030 16,055 16,055 10,110	11,33 10 5(-) 11,020 12,400 11,(55	3,850 4,140 4,240 3,515 3,030	\$00 750 680 680 720	370 340 340 340 315	530 495 460 460 130	203 265 265 265 265 265
6 7 8 9	920 840 1,390 1,120 1,250	1,720 1,670 1,670 1,620 1,570	3,085 2,650 2,350 2,110 2,050	3,750 3,515 4,045 4,045 5,400	6, 120 6,665 6,665 7,43 J 8,660	11,520 10,865 9,080 5,800 10,410	10,560 10,560 9,660 8,800 8,240	2,875 2,430 2,360 2,170 2,050	720 680 680 640 640	370 430 430 430 430	400 400 400 370 370	340 1,000 880 530 495
11 12 13 14 15.	1,000 \$40 1,120 1,165 2,170	1,570 1,480 1,435 1,435 1,390	3,190 2,650 2,170 1,935 1,825	6,185 7,300 8,60 9,225 7,830	9,365 7,965 6,420 6,185 8,380	11,655 10,410 8,105 6,790 5,955	\$,105 \$,105 \$,660 \$,105 7,830	1 \$25 1,670 1,570 1,570 1,670	640 680 680 640	400 400 370 340 340	370 340 340 340 340	960 840 602 565 495
16 17 18 19 20	1,250 1,250 1,250 1,000 1,000	1,480 1,880 1,570 1,390 1,300	1,770 5,510 4,645 5,290 9,225	0,665 6,710 7,565 8,240 8,520	9,365 9,365 11,020 12,512 12,475	5,290 5,290 6,185 8,105 10,410	6,920 6,665 6,665 6,790 6,300	1,880 2,030 2,050 1,880 1,620	565 530 495 495 490	340 400 430 430 430	340 315 370 340 340	530 495 450 430 460
21 22 23 24 25	1,040 1,080 1,080 1,080 1,165	1,390 4,240 2,650 2,050 1,580	9,810 8,240 5,020 8,940 9,810	8,800 8,800 9,080 9,365 9,365	11,980 11,175 8,680 8,240 8,940	11,920 11,175 9,810 9,365 9,510	5,730 5,070 5,070 5,620 5,935	1,620 1,525 1,390 1,165 1,080	430 400 400 370 370	430 430 430 460 495	340 840 315 315 315	400 400 400 400 400
26 27 28 29 30 31	1,165 1,040 4,440 4,340 2,230 1,770	1,880 1,670 1,480	6,185 4,540 3,770 3,350 3,685 4,240	9,510 9,660 9,080 8,520 7,965	9,960 9,810 10,260 11,330 12,475 13,595	10,710 11,490 11,980 12,645 12,810	5,955 5,400 4,540 4,645 3,770 3,350	1.040 1.040 1.000 920 880 840	370 370 370 340 370	450 640 720 602 565 602	315 315 295 295 295	400 460 640 640 565 602
1908 1 - 2 - 3 4 5	655 585 585 585 585	620 620 840 1,280 880	1,380 1,380 1,135 1,045	1,380 1,330 1,330 1,380 1,380	6.912 6.420 4.540 3,610 3,450	2,950 2,795 2,415 2,110 2,110	1,8 10 1,945 2,000 2,055 2,110	1.500 2.795 3,530 2,290 2,350	370 370 370 370 370	490 460 430 400 400	345 320 320 320 320 320	320 320 400 400 430
6 7 8 9	520 520 520 520 520 520	760 690 690 920 1,045	1,000 960 960 1.000	1,480 1,630 1,530 1,580 1,630	3,960 4,645 3,780 3,090 2,610	2,170 2,290 2,795 3,160 3,375	2,110 2,055 1,915 1,780 1,680	1,590 1,630 1,330 1,250 1,280	100 430 520 620 520	400 400 370 345 345	320 320 300 300 300	460 400 370 370 370
11 12 13 14 15	520 520 550 620 725	\$40 760 725 760 725	1,045 1,135 1,230 1,480 1,730	2,000 2,950 3,610 4,055 3,530	2,545 2,610 2,415 2,290 2,480	3,695 3,870 3,960 3,870 3,450	1,630 1,680 1,780 1,680 1,480	1,180 1,045 920 840 760	725 840 690 585 520	320 320 320 300 300	300 300 300 280 280	345 320 300 300 320
16 17 18 19 20	620 620 620 585 550	690 725 690 655 690	2,170 2,350 2,290 2,415 2,415	3,375 3,020 3,450 4,440 4,645	2,415 2,170 2,230 2,610 2,545	3,375 3,020 2,610 2,415 2,110	1,330 1,135 1,090 1,180 1,180	650 625 620 585 585	450 450 450 430 130	430 520 520 460 460	280 280 280 280 280 280	300 300 300 250 250
21 22 23 24 25	550 550 550 960 1,280	690 760 800 725 760	2,480 2,350 2,350 2,350 2,480	4,750 3,870 3,300 3,020 3,160	2,675 2,880 3,450 4,250 4,960	2,350 2,290 2,110 2,170 2,290	1,135 1,135 1,135 1,135 1,135	585 585 520 520 490	400 400 370 550 1,015	430 430 430 430 430	265 280 320 400 370	300 300 300 280 280
26 27 28 29 30 31	1,090 840 760 725 690 655	920 2,480	2,350 1,945 1,680 1,630 1,530 1,380	3,870 4,855 6,185 6,790 6,790	4.645 4.035 3.870 4.645 4.750 3.610	2,350 2,290 2,110 2,055 1,500	1,000 1,000 1,135 1,180 1,180 1,180	490 450 150 430 430 400	1,090 840 725 620 520	430 430 400 400 400 370	370 370 320 320 320	280 250 250 280 280 280 280

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TABLE 55. KINGS RIVER AT PILDRA. Continued Daily Discharge in Second-feet

Day	Jan.	Feb.	March	April	Мау	June	July	A ag.	Sept.	Oct	Nov	Bec.
1911 1 2 3 4 5	296 270 270 296 296	9,030 6,520 5,140 5,050 3,800	1,360 1,450 1,750 4,600 3,660	5,140 5,320 5,610 5,140 6,100	5,700 5,800 6,620 7,760 9,160	6.730 7,290 9,160 11,200 12,200	9,720 10,200 10,600 10,600 10,600	3,030 2,500 2,710 2,470 2,470 2,410	814 778 778 778 743	778 708 642 610 578	375 375 375 375 348	148 348 375 375
6 - 7 8 9 - 10 -	296 296 296 296 1,700	3,100 2,710 2,360 2,080 1,920	2,050 5,050 12,500 7,760 9,860	6,840 5,700 5,050 4,870 4,690	7,400 7,520 8,000 8,120 7,520	13,200 11,900 11,500 11,900 13,000	10,300 10,600 10,300 9,300 9,300	2,350 2,190 2,080 1,970 1,920	708 675 642 610 610	548 548 517 488 517	318 348 348 348 402	375 430 430 402 375
11 12 13 14 15	851 610 851 778 1,180	1,860 1,020 1,970 2,710 2,140	6,620 5,230 4,520 3,960 5,520	4,190 3,960 3,730 3,510 3,440	7,640 8,380 8,620 8,250 7,060	14.600 15,500 15,800 14,200 14,400	8,250 8,500 8,500 8,630 8,900	1,800 1,700 1,650 1,500 1,450	610 578 548 545 517	517 488 458 458 430	610 402 420 458 430	375 348 322 322 322
16 17 18 19 20	966 675 642 610 610	1,860 1,650 1,550 1,550 1,650	3,580 3,510 3,510 3,580 3,510	3,730 3,450 4,270 4,960 5,230	6,410 6,520 7,290 9,030 10,200	15,300 15,800 16,400 15,300 14,200	\$,250 \$1,100 9,580 9,300 7,640	1,360 1,310 1,270 1,270 1,220	444 444 444 444	430 430 402 402 402	458 458 130 430 430	322 348 348 322 322
21 . 22 . 23 . 24	2,140 1,450 1,090 3,660 6,520	1,550 1,500 1,500 1,500 1,410	3,580 3,440 3,370 3,440 3,510	5,140 5,420 6,100 6,730 7,180	10,900 12,000 13,500 12,700 10,200	14.400 13,200 12,400 10,600 10,000	6,620 6,000 5,610 5,230 4,870	1,190 1,180 1,090 1,090 1,010	458 642 1 180 851 743	402 375 375 375 375	430 402 402 375 375	348 296 322 348 296
26 27 28 29 30 31	3,300 1,920 1,550 8,630 16,600 20,500	1,310 1,410 1,360	3,580 3,660 3,800 3,960 4,190 4,600	7,520 6,840 6,100 5,520 5,420	8,380 8,120 8,760 8,380 7,760 7,180	11,400 12,500 12,500 11,500 10,600	4.440 4.030 3.800 3.510 3.370 3.100	1,010 926 926 888 851 814	675 610 548 548 778	375 375 375 375 375 375	375 375 375 348 348	270 270 402 402 345 329
1912 1 2 3 4 5 -	325 335 325 305 325	426 415 410 398 398	350 350 335 371 506	714 865 988 1,010 1,070	1,680 1,680 1,530 1,530 1,730	10,500 11,100 11,400 12,000 10,800	1 730 1,580 1,440 1,270 1,200	734 720 694 642 610	322 306 306 317 334	185 202 210 236 253	209 211 214 214 214 228	196 189 181 174 166
6 7 8 9	335 335 415 350 371	396 394 392 390 388	\$20 \$35 707 629 674	1,020 1,140 1,290 1,400 1,630	1.680 1.730 1.730 2.110 2,350	10.800 10,200 5,840 6,940 5,700	1,410 1,550 1,580 1,580 1,580	584 578 578 578 572	322 306 285 270 250	270 268 266 264 262	236 236 250 246 285	159 151 14- 151 16
11 12 13 14 15	476 442 415 404 415	388 398 388 393 404	688 668 888 776 720	1,890 1,430 1,250 1,200 1,260	3,220 3,860 3,860 4,600 5,320	5,510 5,700 4,770 4,950 5,130	1,480 1,470 1,460 1,340 1,220	548 536 530 530 518	222 214 209 204 200	260 260 250 244 237	330 290 275 265 255	170 171 180 190 200
16 17 18 19 20.	426 415 382 371 371	376 382 393 404 398	741 688 662 694 707	1,330 1,300 1,310 1,200 1,060	5,700 6,510 6,940 6,720 5,320	5,130 4,950 4,600 4,430 1,600	1,160 1,210 2,000 2,060 1,730	500 455 470 446 422	197 193 190 186 183	231 224 218 211 205	241 236 232 228 232	19: 19: 18: 17: 17:
21 22 23 24 25	371 371 371 371 371 371	358 388 366 376 335	707 700 674 694 748	948 980 1,050 1,310 1,290	4,430 3,640 3,640 4,260 4,600	3,940 2,960 2,410 2,000 1,890	1,430 1,240 1,090 1,000 918	410 398 380 308 374	180 176 175 174 173	204 202 201 200 199	232 228 223 214 214	16 16 15 15
26 27 28 29 30 -	415 530 459 426 437 432	320 320 345 345	734 762 720 790 812 700	1,290 1,340 1,390 1,530 1,530	3,940 4,260 6,510 8,840 12,400 9,360	2,000 2,110 2,170 2,110 1,890	%65 %20 79% 753 755 711	386 386 392 371 362 344	172 171 170 168 168	197 196 199 201 204 206	210 205 205 200 200	14 14 14 14 14 14

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TABLE 55. KINGS RIVER AT PILDRA. Continued Daily Discharge in Second-feet

				17411	iy Disci	mrge in	accond	-1001				
Day	Jan.	Feb.	March	April	May	Jure	3u y	Aug	Sept	Det.	Nov	Dec
1915 - 1 2 3 4 - 5	250 250 250 332 452	830 1,420 1,760 1,000 748	1,280 1,280 1,200 1,200 885	2,240 2,440 2,660 3,010 2,660	3,960 3,270 3,270 3,530 4,430	15,300 14,900 12,100 10,000 9,700	7,210 7,210 6,9 0 7,210 6,330	1,130 1,130 1,130 1,180 1,060	505 480 580 555 580	2 (5 225 225 225 225 225	180 190 180 180 180	200 200 2 10 7 45 480
6 7 8 9	280 280 298 350 280	665 615 615 6,990 3,140	885 530 530 830 830	2,240 2,140 2,240 2,440 2,590	3,530 3,670 4.110 3,670 3,670	12,100 13,200 13,500 15,500 14,900	6,330 5,910 3,530 4,430 1,430	995 930 835 805 805	555 530 458 505	212 200 212 225 225	170 200 200 205 255 258	248 332 332 315 298
11 12 13 14. 15	280 280 280 370 370	2,770 1,580 1,200 1,070 830	830 830 830 830 830	3,400 4,270 4,110 3,400 2,890	4,600 5,130 7,210 5,710 5,910	12,500 10,300 8,650 9,150 9,700	1,430 1,770 4,950 3,530 3,010	505 775 745 745 745	458 435 370 350 350	225 225 225 212 212 225	212 200 180 200 200	238 280 280 1,130 718
16 17 18 19 - 20	315 280 280 280 280 280	945 1,580 2,040 1,500 1,500	1,070 1,580 1,760 1,850 2,140	3,400 3,960 4,950 6,330 6,990	7,650 9,700 7,650 5,910 5,130	10,900 10,300 10,900 9,400 9,150	2,770 2,550 2,550 2,550 2,440 2,340	662 662 718 745	370 350 390 332 280	225 225 212 225 212	212 225 225 225 225 225	390 350 370 350 315
21 22 23 24 25	280 280 315 280 390	1,550 1,500 1,280 1,280 1,280	2,440 2,550 2,770 3,010 3,010	6,330 4,600 4,600 3,960 4,110	4,770 5,320 6,330 6,550 6,770	9,150 9,700 9,150 8,900 8,650	2,340 2,770 3,010 3,270 2,550	662 635 535 580 555	265 250 250 225 238	200 200 190 180 180	225 212 200 225 225	315 332 350 350 350
26 27 28 29 30	315 315 565 945 1,500 885	1,140 1,140 1,140	3,140 1,940 1,940 3,010 1,940 1,760	3,960 3,400 4,110 4,110 4,430	7,210 9,150 11,500 10,600 11,800 14,200	7,650 7,210 6,770 7,900 7,210	2,340 2,140 1,760 1,500 1,580 1,280	505 530 505 480 505 435	225 238 250 250 250	190 180 180 200 180 180	225 238 238 225 200	345 275 315 315 315 315 298
1916— 1 2 3 4 5	298 505 1,130 3,010 1,200	2,860 2,530 2,530 2,530 2,530 5,700	2,860 2,750 2,640 2,530 5,910	4,500 4,500 4,500 4,360 4,080	12,100 12,100 12,100 14,200 15,500	9,150 9,150 9,700 10,300 12,100	7,650 7,210 6,770 6,770 7,430	2,310 2,310 2,420 2,530 2,310	1,270 1,190 1,030 1,030 950	740 1,190 2,420 2,000 1,800	775 705 545 462 740	518 491 673 703 601
6 7 8 9	930 835 995 6,120 2,550	3,690 3,450 3,090 2,750 2,640	3,950 3,570 3,450 3,450 3,950	4,220 4,220 4,500 6,330 7,650	15,500 14,900 14,200 14,200 14,200	14,200 14,200 15,200 16,300 15,500	7,430 7,650 8,150 7,650 7,430	2,200 2,100 1,900 1,700 1,520	1,030 880 605 545 545	1,430 1,110 1,030 1,030 1,110	638 775 845 880 845	573 545 513 400 490
11 12 13 14 15	1,670 1,350 1,280 1,280 1,420	2,860 2,750 2,750 2,750 2,750 2,750	3,950 4,220 4,220 4,220 4,080	8,650 7,650 5,130 5,500 6,330	12,100 11,500 11,500 10,600 9,700	16,300 15,200 14,200 14,900 15,500	7,210 6,770 6,770 6,550 6,120	1,520 1,350 1,350 1,350 1,350	435 410 462 575 545	1,190 1,350 1,350 1,430 1,110	670 880 705 670 638	545 518 490 467 468
16 17 18 - 19 20	1,130 14,200 13,500 4,960 3,950	2,750 2,750 2,750 2,750 2,750 2,750	4,220 4,220 4,220 4,500 9,150	7.210 7,650 8,150 7,900 8,150	9,150 8,650 9,150 9,700 9,150	15,500 15,500 15,500 14,200 12,500	5,910 4,800 4,220 4,220 4,220	1,190 1,190 1,110 1,030 950	518 462 490 462 435	1,030 1,030 1,030 1,030 1,030	605 605 638 740 638	435 435 490 462 435
21 22 23 24 25	3,090 2,530 3,210 6,770 12,100	2,750 2,750 2,530 2,530 2,530	5,150 7,430 6,330 5,910 4,220	8,650 8,650 9,400 9,400 9,700	9,400 10,300 9,700 8,900 8,150	11,500 9,150 9,150 8,400 7,900	3,820 3,950 4,220 4,220 3,950	880 810 880 1,030 880	435 435 385 435 385	1,030 1,030 1,030 950 775	605 575 545 545 490	43 5 410 60 5 4,500 1,190
26 27 28 29 30 31	6,120 5,910 10,900 4,220 3,570 3,210	2,640 3,450 3,690 3,210	4,220 4,080 4,220 4,220 4,220 4,500	10,300 11,500 12,800 12,500 12,100	6,550 6,330 6,770 8,150 9,700 9,700	7,900 10,600 9,700 9,150 7,650	3,570 3,210 2,750 2,310 2,100 2,100	1,700 1,900 1,900 1,610 1,520	362 385 385 435 435	740 63% 670 775 880 810	450 450 450 518 450	605 57 5 740 605 519 545

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TABLE 55. KINGS RIVER AT PH DRA. Continued

Daily Discharge in Second-feet

					171561	mige iii		-1611				
Day	Jan.	Feb.	March	April	May	Jane	July	Nig	sept	Oct	You	Dra.
1919 — 1	450 450 450 400 400	400 400 378 355 355	955 1,110 1,820 1,270 955	2,550 2,590 3,140 3,400 3,400	6,950 7,440 7,920 8,950 8,440	5,180 4,100 4,910 4,730 1,250	1,1 ×1 1,110 955 955 955	400 400 400 355 332	230 230 230 210	310 425 450 355 535	195 193 195 195 195	195 250 250 270 332
6 7 8 9	400 400 400 400 400 400	378 400 400 500 2,020	955 1,190 955 810 810	2,890 2,220 2,020 2,020 2,020 2,020	7,920 7,200 6,720 6,500 5,680	3,960 3,440 3,180 3,050 2,920	955 955 955 955 1,110	332 355 355 332 310	250 230 230 230 230 230	378 230 195 195 178	195 195 230 230 195	355 310 310 270 290
11 12 13 14 15	400 475 400 400 378	3,530 1,540 1,030 880 810	\$10 \$10 1,110 1,630 1,110	2,220 2,660 2,660 2,660 2,890	6,080 6,930 7,200 7,440 6,960	2,550 2,210 1,820 1,630 1,820	1,110 955 955 955 955	310 310 270 270 271	195 178 195 195 196	160 160 160 160 160	195 195 195 195 195	955 1 630 615 528 450
16 17 18 19 20	355 355 355 355 425	740 810 880 775 675	1,030 1,110 1,270 1,270 1,540	3,400 3,660 3,940 3,960 4,100	6,720 6,960 6,960 6,960 6,280	1,720 1,820 1,820 1,920 2,020	955 953 1,030 935 955	27 1 270 270 270 270 270	160 160 160 160	160 160 160 160 160	1.45 1.45 1.45 1.95 1.45	450 378 355 355 355
21 22 23 24 25	500 400 425 400 400	675 708 675 675 675	1,450 1,110 955 955 955	4,250 4,560 4,560 4,730 4,560	6,960 7,440 7,200 7,440 7,650	2,020 1,820 1,820 1,820 1,820	955 (35 810 675	270 270 270 270 270 270	160 150 101 160 160	160 169 160 160 230	195 195 195 195 195	425 425 400 400 400
26	450 425 355 355 355 355	708 1,630 955	1,270 1,450 1,820 2,020 2,120 2,440	4,100 3,700 3,700 4,560 6,080	\$,700 7,920 9,500 11,200 \$,960 6,720	1,630 1,630 1,430 1,450 1,360	645 585 555 500 500 475	270 270 270 270 270 250 230	160 160 160 178 195	212 195 195 195 195 195	195 195 195 195 195	400 400 378 355 355 355
1920—	310 310 310 310 310	360 355 355 355 346	2,310 5,180 2,070 1,630 1,500	1,580 1,450 1,360 1,580 1,970	4,400 4,100 3,960 4,100 4,100	10,300 10,000 9,700 10,000 9,700	2,660 2,600 2,660 2,600 2,600	541 785 771 750 771	430 402 375 350 340	192 192 192 192 192	\$11 406 454 436 419	442 450 520 496 496
6 8 9	310 310 310 310 310	342 332 332 337 440	1,230 1,110 1,110 1,070 1,450	2,500 2,770 2,890 3,010 2,770	4,730 5,880 5,880 6,080 5,100	9,400 9,150 9,150 8,650 8,400	2,600 2,600 2,600 2,600	736 680 634 615 602	335 325 315 305 300	223 380 419 315 419	402 386 448 460 460	448 460 460 466 508
11 12 13 14 15	290 270 270 270 270 282	400 364 360 355 350	1,150 1,070 1,070 1,070 1,070 902	2,330 2 220 2,380 2,500 4,360	4,730 5,290 4,910 4,910 5,880	7,210 7,210 6,990 6,330 5,700	2,500 2,250 2,020 1,790 1,610	559 520 190 472 460	295 280 271 255 251	375 363 442 375 350	460 667 615 544 520	544 628 520 570 582
16 17 18 19 20	290 302 314 337 355	346 342 342 342 450	1,030 1,070 1,030 1,070 1,070	6,770 3,180 2,790 2,550 2,550	7,200 8,700 10,300 12,800 14,500	5,500 4,960 5,500 6,120 6,330	1,610 1,660 1,610 1,560 1,520	412 412 445 424 408	213 239 231 227 223	350 350 345 570 460	715 708 694 641 771	563 544 520 596 757
21 22 23 24 25	355 355 420 400 373	430 485 754 573 516	2,100 3,270 2,380 1,720 1,630	2,320 2,160 2,160 2,210 2,210	13,500 11,800 10,900 9,150 8,650	6,120 5,700 5,310 4,500 3,940	1,4%0 1,310 1,190 1,310 1,270	302 375 360 350 478	213 215 215 211 211	490 521 532 583 615	671 628 570 532 520	660 648 648 615 520
26 27 28 29 30 31	368 373 364 360 360 360	490 495 694 663	3,140 1,920 1,630 1,630 1,630 1,680	2,380 2,790 3,440 4,250 5,290	9,150 9,700 10,600 11,200 11,200 10,900	3,660 3,270 2,770 2,890 2,890	1,150 1,080 1,040 1,000 915 928	771 634 550 508 478 415	207 207 203 199 195	634 634 602 550 532 538	472 490 490 454 448	715 615 615 764 764 790

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TABLE 55. KINGS RIVER AT PH DRA Continued T

Daily Discharge in Second-feet

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Day	Jan.	Feb.	March	April	May	Jine	July	\ug.	Sept.	Oct,	Nov.	Dec.
1923 — 1 2 3 4 5	998 832 788 750 701	1,150 1,010 938 908 945	1,060 1,070 1,070 1,040 930	1,920 1,870 2,020 1,870 2,070	3,510 4,400 4,540 4,510 6,600	1,100 4,000 4,130 4,260 1,090	5,480 5,830 5,480 5,150 4,840	1,290 1,210 1,130 1,070 975	384 414 420 450 438	468 432 426 402 378	289 294 300 300 284	218 212 190 201 196
6 7 8 9	701 694 694 708 736	938 922 922 922 945 862	922 938 952 922 885	7,870 4,540 3,280 3,060 5,830	7,000 7,870 8,810 9,870 10,100	4,840 4,540 4,990 5,400 8,590	4,100 4,000 3,510 3,280 3,120	900 680 645 610 584	420 444 426 420 432	372 366 432 444 456	272 267 262 272 278	190 201 228 212 166
11 . 12 13 . 14 15	743 715 673 638 631	848 908 885 878 855	870 878 952 990 938	4,810 4,000 4,000 4,130 4,130	10,100 9,870 9,610 9,610 9,610 10,700	9,870 9,590 6,600 5,830 5,150	3,000 2,780 2,680 2,680 2,680	558 532 862 885 758	396 384 402 519 631	450 450 432 402 378	300 306 294 289 284	144 166 171 190 201
16 17 18 19 20	631 666 855 715 715	908 968 1,050 1,100 1,090	952 1,050 1,190 1,330 1,500	4,540 4,260 4,000 3,510 3,630	11,500 11,200 11,200 9,870 9,090	4,540 4,000 3,750 3,750 4,260	2,570 2,270 2,020 1,910 1,820	680 645 631 652 666	545 480 444 420 390	360 354 349 336 324	272 262 256 267 245	196 196 190 190 206
21 22 23 24 25	722 694 1,190 1,820 1,780	1,090 1,080 1,100 1,090 1,110	1,600 1,660 1,710 1,760 1,820	3,510 3,280 3,060 2,900 2,730	7,000 6,600 7,870 9,610 10,400	4,000 3,630 4,000 4,260 4,540	1,810 1,800 1,790 1,780 1,730	590 545 506 474 450	372 360 480 468 420	306 300 306 318 306	240 234 228 228 228	196 178 170 174 190
26 27 28 29 30 31	1,460 1,130 1,010 1,190 1,420 1,330	1,120 1,060 1,030	1,920 1,970 2,020 2,070 1,920 2,070	2,620 2,470 2,620 3,170 3,280	\$,840 7,640 7,000 6,600 5,830 5,150	4,540 4,990 5,310 5,480 5,480	1,640 1,640 1,600 1,550 1,460 1,370	438 432 420 408 396 384	666 645 558 532 500	300 294 289 284 278 278	223 212 206 201 206	201 201 186 178 190 206
1924-	190 190 170 256 245	256 256 250 245 245	300 336 402 342 336	456 432 480 578 590	2,940 3,170 3,290 3,410 3,170	902 902 935 1,000 1,000	281 281 287 293 329	135 132 132 129 129	80 80 81 82 87	69 67 67 73 78	223 206 201 186 178	212 206 206 190 190
6 8 9 10	245 245 245 234 218	245 256 272 300 390	312 330 342 324 312	645 900 1,050 1,330 1,550	2,940 3,530 3,930 3,930 3,790	935 870 740 642 578	311 299 287 275 257	124 119 114 109 106	95 94 93 92 81	83 89 106 104 101	186 196 166 1,160 1,700	359 359 630 610 437
11 12 13 14 15	223 223 223 218 212	348 \$24 312 324 330	312 300 284 284 289	1,920 2,020 2,170 2,470 1,800	3,050 2,850 2,400 2,150 2,300	521 485 455 431 413	245 228 223 212 201	104 101 102 104 105	80 79 78 77 76	103 104 106 107 109	675 443 359 305 293	443 449 449 473 467
16 17 18 19 20	196 206 206 206 201	312 300 289 294 300	300 267 272 267 272	1,330 1,220 1,250 1,520 1,850	2,610 2,560 2,450 2,300 2,150	395 383 377 359 341	190 192 174 170 166	106 105 104 102 101	75 74 74 73 72	110 112 117 114 111	297 297 291 263 257	467 485 437 365 353
21 22 23 24 25	196 190 190 186 212	300 300 280 284 272	289 278 318 342 360	1,050 2,300 2,400 1,900 1,610	2,050 1,850 1,700 1,480 1,610	323 317 317 305 305	162 158 154 150 150	101 100 98 93 92	72 71 71 70 70	107 104 101 98 100	275 293 311 299 275	389 597 902 604 485
26 27 28 20 30 31	223 223 360 318 272 256	272 272 267 289	396 545 480 432 414 444	1,440 1,400 1,440 1,660 2,250	1,520 1,360 1,180 1,100 1,070 1,000	305 299 287 287 287	147 147 147 147 141 138	160 88 87 82 52 51	70 69 69 68 68	102 104 106 435 425 245	257 251 240 229 218	425 395 425 461 740 1,250

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TABLE 55. KINGS RIVER AT PHEDRA Continued

Daily Discharge in Second-feet

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Day	Jan,	Feb.	March	April	May	June	July	Viig	Sept.	Oct.	Nov	Dec.
1927 —	485 485 491 503 521	584 564 647 3,920 1,290	2,560 2,490 2,300 2,200 2,000	2,150 3,820 5,080 4,490 3,650	8,440 8,240 9,190 9,910 10,800	6,940 6,300 6,540 17,740 9,280	4,260 4,700 4,720 4,420 3,990	1,440 1,220 1,140 1,100 1,040	377 365 359 353 353	251 245 228 228 223 218	935 604 662 727 675	642 636 636 649 610
6 7 8 9 10	564 636 584 533 610	1,000 870 838 727 694	1,900 1,850 2,000 2,300 2,000	3,410 3,290 3,170 3,000 2,720	,10,200 7,960 6,340 5,430 5,160	10,300 11,600 10,700 9,580 9,300	3,930 3,650 3,650 3,930 4,070	1,070 1,070 1,040 935 902	347 341 335 329 317	206 206 206 206 201	760 1,070 838 740 3,530	578 521 485 461 443
11 12 13 14 - 15	838 668 636 636 623	668 623 675 1,770 5,660	1,800 1,750 1,800 2,150 1,950	2,610 2,400 2,300 2,200 2,250	6,440 7,500 9,820 11,900 11,000	9,320 9,820 10,700 11,600 10,700	4,210 3,930 3,930 3,650 3,410	838 786 740 688 675	311 287 287 287 287 281	201 196 196 196 196	1,700 1,220 2,020 1,660 1,360	449 473 473 503 497
16 17 - 18 19 20	623 616 558 578 1,040	6,440 4,300 9,260 6,510 4,350	1,800 1,700 1,660 1,520 1,480	2,300 2,150 2,250 2,450 2,660	13,100 14,000 12,500 11,300 10,400	10,500 10,500 10,000 9,800 9,160	3,170 2,940 2,830 2,660 2,560	649 636 662 682 642	275 209 389 395 365	196 190 186 182 182	1,290 1,250 1,220 1,140 1,100	485 473 437 413 417
21	1,070 870 734 688 668	3,850 4,360 3,290 3,790 3,790	1,520 1,660 2,100 2,500 2,830	3,050 3,650 4,320 5,360 6,560	7,750 6,120 5,590 6,300 8,220	8,700 8,650 7,680 7,120 6,960	2,500 2,660 2,720 2,660 2,300	623 610 590 564 527	329 311 209 287 281	182 182 182 182 182 178	1,070 1,040 870 792 772	435 437 437 407 413
26 27 28 29 30	656 688 623 636 584 564	3,410 3,290 2,830	2,940 2,940 2,610 2,560 2,500 2,300	7,880 7,620 7,520 8,110 8,700	9,180 8,640 7,460 6,340 6,290 6,400	7,880 7,190 5,180 4,310 3,730	2,100 2,000 1,850 1,750 1,660 1,560	491 461 437 419 407 389	269 269 263 263 257	549 792 584 425 371 579	746 740 714 694 701	395 389 401 449 564 467
1928— 1 2 3 4 5	479 479 491 491 479	515 533 597 642 1,040	485 485 597 714 616	2,150 2,030 2,220 2,080 1,930	6,720 5,660 4,770 4,760 5,280	4,760 4,630 5,020 4,950 4,900	1,040 968 935 902 870	353 347 341 329 311	152 147 142 139 136	118 120 120 120 120	123 123 123 123 132 182	158 166 212 293 245
6 7 8 9	467 455 449 443 455	746 766 708 656 642	578 623 545 610 649	2,140 2,330 2,420 2,460 2,460	5,640 5,260 5,780 4,780 3,970	4,400 4,130 3,650 3,110 2,720	970 970 870 838 798	293 287 281 269 263	134 133 131 130 128	120 120 120 120 120 123	170 162 178 170 147	218 201 201 206 212
11 12 13 - 14 15	467 455 473 497 533	590 584 545 527 558	727 792 870 902 870	2,560 2,940 2,740 2,500 2,600	4,500 5,130 5,760 6,080 6,750	2,390 2,080 1,880 1,830 1,830	766 720 668 656 638	257 257 251 234 220	126 125 124 125 122	126 129 132 135 138	141 141 162 263 299	281 257 223 223 245
16 17 18 19 20	437 455 425 395 431	495 473 473 479 479	870 902 1,040 1,100 1,180	2,710 2,640 2,420 2,320 2,220	5,480 4,420 4,560 4,300 4,460	1,880 1,880 1,930 1,980 1,780	604 578 558 521 491	245 257 245 228 223	121 120 120 116 113	141 138 136 133 130	234 218 263 269 228	212 228 245 234 234
21 22 23 24 25	431 437 443 485 449	479 479 473 455 431	1,250 1,330 1,400 2,140 6,580	2,020 2,360 2,560 2,920 2,520	4,660 4,100 4,360 5,290 6,580	1,700 1,700 1,650 1,650 1,700	467 443 425 413 407	212 206 206 201 190	109 109 109 109 109	128 126 123 123 123	218 223 228 212 201	234 234 234 234 245
26 27 28 29 30 31	425 449 431 515 714 623	495 461 491 497	5,060 5,760 3,450 2,770 2,530 2,360	2,790 3,300 3,960 4,650 5,810	5,390 6,080 6,240 6,660 5,840 5,160	1,700 1,530 1,340 1,240 1,100	395 395 389 371 359 359	152 178 178 171 165 158	111 113 114 115 117	123 123 123 123 123 123 123	186 186 186 186 174	347 377 359 317 317 257

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TABLE 55. KINGS RIVER AT PIEDRA-Continued Summary of Monthly Discharge in Acre-feet

									.,,
1	Per cent	224-42	28 88 10 10 15 15 15 15 15 15 15 15 15 15 15 15 15	883 25 E	5288ZZ	127.13	3-182	11. 12.	10
	Total	1,870 9 2,120 9 807 6 1,293 1 1,304 7	3,116 3 1,511 4 1,652 2 1,850 0 1,250 5	2,733 ± 2,733 ± 2,035 ± 1,645 5 ± 1,	2,436 232.3 951.6 1,795.2 1,795.3	0 m m m m m m m m m m m m m m m m m m m	1,550 5 1,550 3 1,560 3 3,56 5 1,283 0	1,099 0 1,099 0 1,000 1 1,000	1,707.4
1	December	288 7 80 8 7 80 8 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	12022	43 0 30 9 10 9 12 0 25 5	25823 4804F	#2888 **********************************	-0450 -05-05 -05-05	10010	31 4
	November	32.0 41.2 13.7 77.9	世名四第三 四条のマチ	10.4000	22223 Found		58387 	841-1	200 201
	October	24.6 23.2 23.2 10.0	325 16.3 17.0 10.7 10.7	E8358	201100 201100 211000	\$125 \$125 \$15 \$15 \$15 \$15 \$15 \$15 \$15 \$15 \$15 \$1	22355	per meter of the control of the cont	24.5
	September	29.2 10.6 12.6 17.9	252.41 20.00000000000000000000000000000000000	00 00 00 00 00 00 00 00 00 00 00 00 00	* 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	36 0 31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17995		133
set	August	255.9 225.3 24.5 24.5 24.5 3	38.5 38.5 34.4 64.0 27.6	261 0 121 0 66 4 89 8	98.4 30.6 68.0 112.0 45.0	20022	(1) [1] 中 (1) [1] 中 (2) [1] 中 (2) [1] 中 (3) [1] 中 (4) [11 12 12 12 12 12 12 12 12 12 12 12 12 1	55 2
Unit—One Thousand Acre-feet	July	230,1 133,9 42,8 86,8	38 118 128 128 128 138 138 138 138 138 138 138 138 138 13	1,088) 0 465 0 405 0 91 0 95.3	478 0 80 6 105 0 356 0 233 0	331 0 196 0 92 8 54 4 113 0	1250 1250 1250 1250	36 9 195 0 38 9 62 7 55 0	156.5
e Thousan	June	757.9 305.7 126.3 356.9 305.1	854 7 479 8 468 7 450 0 383.7	1,020 0 619 0 159 0 851 0 225 0	750 0 340 0 201 0 595 0 625 0	726 0 584.0 499 0 151 0 392 0	444 0 708 0 305 0 31 1 293 0	137 4 511 0 152 0 199 0 241 0	2. C.
Unit-On	May	363.0 889.7 217.4 219.4 301.6	682.1 401.6 587.0 638.0 361.6	658 0 566 0 220 0 608 0 461 0	217 0 289 0 294 0 589 0 389 0	661 0 400 0 320 0 460 0 485 0	390 0 664 0 502 0 148 0 397 0	376 532 0 324 0 331 0	413.5
	April	215 3 216 4 211 2 208 5 124 8	207.3 195.6 195.6	281 0 417.0 101 0 286 0 351 0	312.0 73.2 116.0 256.0	449 0 230 0 195 0 205 0 164 0	184 163 108 808 925 925 925 925	297 4 210 0 160 0 98 8 171 0	210 3
	March	105.2 115.8 55.1 133.1	182.3 87.3 86.5 133.2 113.4	322.0 253.0 103.0 126.0	269.0 411.4 38.4 150.0 99.6	277 0 92 2 117 0 77 5 104 0	82 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	67 1 130 0 101 0 57 4 71 9	120 9
	February	200 6 200 8 390 2 390 2 4 1 5	190 4 36 9 51 7 35 5 49 9	63.9 98.6 51.6 173.0	143.0 123.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1	0 121 0 121 0 121 2 124 2 125 4 125	25852 20852 20040	39 7 150 0 32 13 31 0	0.89
	January	26.7 26.8 31.1 31.5 103.9	266.7 27.1 57.2 11.3	141 0 83.6 40 0 200 0 172 0	250 250 250 250 250 250	246 0 43 0 13 0 20 2	2222 2222 22222 22222	200 200 200 200 200 200 200 200 200 200	70.5
	Year								
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TABLE 56. KINGS RIVER AT RELDLEY NARROWS Continued
Daily Discharge in Second-feet

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TABLE 56. KINGS RIVER AT RELDLEY NARROWS Continued

Daily Discharge in Second-feet

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Day	Jan.	Feb.	March	April	May	June	July	lug	Sept.	Oct	Nov	Drc.
1926 1 2 3 4 5							2 (6) 202 260 264	103 6 3 55 46 43	23 23 23 23	21 23 23 50 70	84 82 80 80 78	
6 7 8 9							261 261 244 256 280	40 39 43 39	21 21 20 10 19	52 58 32 52 52	76 80 00 02 05	
11 12 13 14 15							264 260 248 234 242	31 13 33 32 30	19 18 15 18 19	56 58 58 60 62	95 100 112 179 188	
16. 17 18 19 20	=						250 254 248 254 256	31 31 30 27 27	19 18 19 19 19	62 62 60 58 64	170 172 180 178 174	
21 22 23 24 25						276 272 288 262	256 210 228 212 196	27 27 27 27	18 19 19 19 19	70 106 114 110	170 165 167	
26 27 28 29 30 31						250 260 260 268 274	18 / 168 155 146 133 120	26 26 25 25 25 25 24	18 18 15 19 21	100 97 60 50 88		
1927 1 2 3 3 5								232 185 181 181 181	119 105 97 80 82	39 90 76 120 148		
6. 7 9. 10.								176 176 169 161 158	92 73 66 50 44	152 159 159 150 157		
11 12 13 14_ 15								146 144 141 150 156	37 36 33 31 28	150 150 146 146 150		
16. 17. 18 19 20								164 150 147 118 141	27 24 23 45 65	150 150 150 146 143		
21	 :.							143 149 149 151 161	52 37 30 26 22	143 143 146 145 148		
26	:	1						159 159 155 147 147 147 138	20 19 17 16 16	185		

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7	(JPR)	44								6	-	9000
Samuel.		- 6 6 •						_ 6 . A		6	-4 -4 -4	6 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °

TABLE 56. KINGS RIVER AT REEDLEY NARROWS Continued

Daily Discharge in Second-feet

Day	Jan.	Feb.	March	April	May	June	July	Aug	Sept.	Oet.	Nov.	Dec.
1930-							391 378 350 309 259	92 40 47 41 40	24 23 23 22 22	36 87 90 92 95	82 82 82 80 80	148 96 87 82 78
6 7 8 9							212 147 157 204 221	40 37 36 34 35	24 23 23 23 23 23	95 80 84 87 87	80 80 80 80 80	72 66 63 64 63
13			-				240 240 237 234 234	34 32 31 39 39	23 22 20 21 21	\$9 95 105 105 105	83 89 96 103 113	64 63 62 62 64
17 18							240 224 224 218 224	30 29 28 26 25	20 19 20 20 20	103 100 95 95 93	115 281 458 248 194	64 62 61 58 54
22 23 24							207 218 226 232 212	25 29 25 25 25	20	90 90 90 87 83	182 185 191 174 158	52 53 52 48 47
26 27 28 29 30						378	221 199 182 158 136 122	26 25 24 23 24 24 24	22 2() 22 23 23	\$3 \$1 \$0 \$0 79 \$2	154 161 164 180 218	45 44 43 42 42 40

IMIL & KINGS RIVER AT RELIBERY SARROWS Continued

Sermary (Monthly Phycharge in Ver feet

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			2.0	- Inches

TABLE 57. KINGS RIVER AT CLARKS BRIDGE

A wading station children June 1919. Teach the highway brill in the radio working and Dinuba. I guipped with a seven day water tag reards.

Daily Diversion in Second-feet

Day	Jan.	Feb.	March	April	May	June	Jaly	Aug	Sept.	Oct	101	Dec
30 —												
1 2							423	11.2	71	4.5	12%	25
3							423	6()	24	2.1	de	15
4							314	76	24 24	78	16%	11
5							314	50	-4	95	43%	4
6							273	41	24	18	44	1,
3							22%	40	24	98	1,00	7
9							205	" "	25	C.\$	1.4	4
10				•			235 230	37	25	92	93	-
4							2.10	34	a-U	214	21.9	
11							.45	35	24	5.5	-5	1
12 13			_				213	32	24	5 %	95	1
14 .							242	31	25	104	112 115	1
15							226	38	24	108	119	
16												
17							240 231	36 31	24 24	1(1%	130 130	1
18							558	30	23	104	350	
19.							2:13	30	24	102	250	
20							230	30	23	102	240	
21							220	30	23	102	193	
99							215	30	25	102	192	1
23						720	223	23	24 25	100	200	1
25						654	220	27	25	100	192 182	
26						544	215	7"	4	9.4	178	
						562	216	26	24	95	178	
28						452	203	26	24	95	140	
29						423	150	25	26	54	206	1
30						420	166 146	25 25	27	94	213	
31							140	-0		3/3		-

TABLE IS KIN S RIVER BLOW PE PLES WEIR

Day's Discharge in Se and-feet

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The Nation					6 .	STATE OF		0 6 0		4 4
1921						11 6 5	10.7			
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*						27.37.5	100	6 4 4		
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novine.							6 6	6 4 6 4 6 4 6 4	- 4	

TABLE 58. KINGS RIVER BLLOW PEOPLES WEIR—Continued
Daily Discharge in Second-feet

Day	Jan.	Feb.	March	Apri	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.
1922 1 2 3 4 5									265 327 311 280 249	198 104 60 41 37	48 47 49 51 54	
6 7 8 9								90 88 86 85	252 252 255 246 237	35 37 49 50 43	48 46 51	
11 12 13 14 15								79 77 50 76 164	234 220 211 186 181	33 33 43 44 51		•
16 17 18 19 20.								97 120 123 113 113	183 223 243 237 181	45 41 39 39 38		
21 22 23 24 25.								111 111 120 111 236	144 186 196 193 191	39 41 39 38		
26. 27. 28 29 30. 31								519 386 535 851 979 517	162 160 157 153 176	38 38 40 57 61 51		
1924 — 1 2 3 4 5						161 159 157 143 137	101 95 89 92 103	42 42 40 38 35	34 34 33 33	26 28 28 29 27		
6 7 8 9						133 143 163 163 14+	110 120 108 97 89	33 34 36 36 36 35	33 32 32 32 32 30	29 31 31 32 32 32		
11 12 13. 14						147 143 139 145 137	82 76 71 70 64	34 33 33 35 35	29 28 28 28 28	33 30 30 31 33		
16 17 18 19 20						110 105 106 106 103	60 56 54 54 52	33 34 35 34 33	28 27 26 26 22	35 35 32 32 32 33		
21 22 23 24						95 111 113 113 111	51 50 47 46 45	34 35 35 35 35	21 25 26 26 27	32 32 32 32 32 32		
26 27. 28 29 30 31						108 108 111 111 115	44 43 45 45 44 43	37 36 36 36 35 34	27 27 27 26 26	32 32 32 31 27		

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TABLE 58 KINGS RIVER BELOW PLOPLES WERE Continued

Duily Discharge in Second-feet

Day	Jan.	Feb.	March	April	Мау	June	July	Aug	>-pri	Oct_	Nos	Dre
1927								151 101 1 3 11 5	105 197 115 114 113	60		
6. 7 8. 9								111 125 101 107 112	114 117 118 1 7 1 4	4 4 8 5 4 7 4 0 8 5		
11 12 13 = 14 15								114 110 109 110 113	13 119 119 112 107	4.4 4.2 40 39 39		
16. 17 18 19. 20								120 113 114 113 167	105 94 96 14 175	39 40 47 42 42		
21 22 23 24 25								176 161 1 2 1 3	115 91 98 97	31 37 37 37 37		
26 27 28 29 30 31								120 113 112 110 111 111	92 92 92 92 92	46		
1928 — 1 — — 2 3 4 5.							153 158 147 151 133	54 104 111 100 95	53 53 52 53 52	36 37 42 44	50 45 45 46 50	174 146 124 117 144
6 8 9. 10							128 128 130 124 115	\$4 75 73	52 52 50 50 50	42 41 41 41 40	59 55 47 44 46	157 147 141 139 139
11 12 13 14							127 151 139 155 131	71 65 62 62 63	50 50 49 49 48	39 35 39 42	44 42 44 54 93	144 165 199 177 135
16, 17 18 19 20							137 125 128 125 125	64 65 64 64 64	48 49 48 48 47	43 46 46 46 43	175 168 193 209 222	128 127 129 137 133
21 22. 23 24 25.						197 187 197	116 129 123 131 129	62 54 54 57	45 45 46 46 45	42 41 40 40 40	216 212 206 201 209	133 133 132 145 136
26 27 28 29 30 31						201 212 127 175 1 2	105 95 71 66 64 60	58 57 55 54 52 53	45 44 46 39 35	41 44 43 44 46 47	149 197 190 190 186	133 140 132 127 127 127

TABLE KINGS RIVER LETOW PLOPERS WITH CO-timed

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	112.68	6					6000	6 6	2000	2000	1000	hwara 2
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1930	1	01222		421124	4	6 .		0000	4 4 4 — 6	i	01010	100
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	6.6		6 6 1	SVE	100	5 () 6 ()	8650			4 4	1	0000
ē		6	6 4	CIVEL		STATE OF				į	300mm	STORES.
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TABLE 58. KINGS RIVER BELOW PEOPLES WEIR Continued

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			Commit	nu y or tvi	onthly 12	Sammary of Montally Discharge in Acre-leet	Acre-lee	_					
	1918	1919	1920	1931	1922	1923	1924	1925	1926	1927	1928	1929	1930
January February March April.	1		0 y b 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 7 1 7 0 0 8 0 1 9 0 0 1								8,148 8,235 3,023	6,174 10,245 11,951 19,569
May Market July August	brossH o.X	brossa oZ	2,319	6,589	11,617	b10291	7,613	16,872 8,277 2,278	1,901 8,835 2,880	7,170	2555 1211	4.704 3,105	45, 100 45, 100 27, 100 3, 100 3, 100
September October November December			11,335 8,142 5,839 17,378	7,407	3,049	oX.	F,693	8,417 6,114 8,018 1,018	1,195 739 6,55n	6,393	2,851 7,564 7,401 8,631	3,473	1,920 1,920 1,411
Totals			53,850	31,857	28,298		17,713	46,518	21,516	15,616	36,033	37,897	157,0

TATEL A KINGS RIVER BELOW LEMOORE WEIR

AND THE RESIDENCE OF THE PERSON OF THE PERSO

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1926						2 15 16				-	=	4
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1977		2	1000		1 4	1					4	15
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TABLE 59. KINGS RIVER BLLOW LEMOORE WEIR - Continued

Daily Discharge in Second-feet

				-		uirge in				_		-
Day	Jan.	Feb.	March	April	May	June	July	Aug	Sept.	Oct.	Nov.	Dec
1928					247 480 348 208 140	262 60 56 69 80						
6 - 8 9 10.					150 247 192 324 220	56 44				÷		
11 12 13 14 15					140 102 80 162 364							
16 17 18 19 20					656 532 166							
21. 22. 23. 24. 25					72							
26 27 28 29 30			566 472 546 192 132		166 162 273 384 484 460							
1929												
6 8 9					280 161 40 19 164							
11 12 13 14 15					413 207 210 330 475							
16. 17 18. 19. 20					460 384 520 740 950	1,390 560 66 15						
21 22 23 24 25					460 156 152 130 356							
26	-				542 324 138							

I WH 3) KIV. RIVIR I 10% H M DORI WHR Continued

Do Discharge is be and-feet

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TABLE 59. KINGS RIVER BELOW LEMOORE WEIR - Continued

	1930	75 K	13, Km
	1929	15, 292.	11,303
	1928	3, 178 1,2439 1,273	18,4 40
	1927	34.2228 766 10.953 123.595 111.978 111.978	301,354
	1926	495 43,839 45,839 453 17,523	5,523
ţ	1925	b10291 o Z	
Summary of Monthly Discharge in Acre-feet	1924	woll o.V.	
schurge ir	1923	Ьто≥9Я о⊻	
onthly Di	1922	Ыо∞Я о∀	
ary of M	1921	No Record	
Sumn	1920	No Record	
	1919	No Record	
	1918	No Record	
	i i	January February March April Musy. Juno. July August September Scholer Scholer	December

TABLE - FIN S RIVER IN CLARKS FORK

					(() _)	arge n		leet	-			
341	in.	44	Service .	1	No	100		1.4	745	1.54	,	tie
1921					Will or make south in	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						
1922		1 Miller					6 6					50.004

TABLE 60. KINGS RIVER IN CLARKS FORK -Continued Daily Discharge in Second-feet

Day Jan. Feb. March May Jane July Aug Sept ()et Dec 18 20 22 21 ah 2h 19 14 126 207 330 20 15 12 13 14 15 472 374 484 542 547 52 49 17 18 19 20 60 71 61 44 31 30 17 14 783 22 23 24 25 127 202 439 27 28 29 30 13 12 11 10 501 320 171 102 73 3.... 51 30 12 25 6 ... 8 ... 9-... 100

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26. 27. 28. 29.

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TABLE 60 KIN & RIVER IN CLARKS FORK - Continued Do a Discharge in Second-feet

[hs.	(e) Van	4	Man	100	i) tu	 /49	\	Dec
1925			4 0 E					
4		* 4 * 2 * 3 * 4	1				77 - 10 7	
4		4-	1 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	76 610 114 4				
4	STATE OF THE STATE	4	4 () ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	STATE STATE SERVE				

TABLE 60. KINGS RIVER IN CLARKS FORK—Continued Summary of Monthly Discharge in Acre-feet

Huntery bright the control of the co								0			-	-	1	
7 o Record 7 o Record 7 o Record 7 o Record 7 o Record 7 o Record 7 o Record 7 o Record 7 o Record 7 o Record 7 o Record 8 o Record 1,534 o Record 1,534 o Record 1,534 o Record 1,534 o Record 1,534 o Record 1,534 o Record 1,534 o Record 1,534 o Record 1,534 o Record 1,534 o Record 1,535 o Record 1,535 o Record 1,536 o Record 1,536 o Record 1,537 o Record 1,537 o Record 1,538 o R		1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
20,681 97,313 27,839 4,108 6,060	January February March May April May June Juny September Ketober November	Ь1029Я о.Х	ьтоээЯ oV.	No Record	5,160	1,491 33,476 58,899 2,497	3,123 3,239 3,239 366	жов оХ	the first term of the first te	1,524 3,530 1,006		woft a N	woll o.Z.	woth o.V.
	Totals			1	20,681	97,313	27,839		4,108	0000'9	40,455			

TABLE ME KINGS RIVER IN GREEN SLOUGH

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Dally Discharge in Second-feet

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1921						A NOTE OF THE STATE OF THE PARTY.	The state of the s					
1072 -					44 44 44 44 44 44 44 44 44 44 44 44 44		cond beaus action					

TABLE 61. KINGS RIVER IN GRIEN SLOUGH Continued

Daily Discharge in Second-feet

				12011	y Disch	arge in	Second	-fect				
Day	Jan.	Feb.	March	April	May	June	July	Nag	Sept	Oet	Nov	Dec
1923					93 99 4 82 87	35 35 44 27 23	54 56 53 48 46					
6 7 8 9				49 99 101 105 115	98 108 120 131 143	32 35 39 47 53	53 69 33 5					
12				120 128 135 138 138	139 110 143 156 173	60 119 134 94 110	5 5 10 9 5					
19				139 139 140 140 141	190 210 209 211 166	98 102 72 24 14	5 26 16 5					
23 24 25				135 116 107 103 101	141 94 56 66 100	16 20 15 16 23						
26 27 28 29 30				94 76 45 41 70	119 110 68 49 47 45	25 34 47 52 55						
1925-						*55 6						
6 7 8 9 10					13 42 37 35 32 30							
15						5 14						
17 18 19 20												
22 23 24 25					/ <u> </u>							
27 28 29					°45 °60 °51 °73							

*Note. The comparatively large discharges nn May 28th to June 1st occurred when there was water in the North Fork in excess of irrigation requirements.

In response to the very urgent appeals from some of the water users on the South Fork, the Water Master requested the Lemoore Canal Company to divert additional water and discharge it into the South Fork through Green Slough.

TABLE 61 KIN A RIVER IN GRIEN SEQUENT Continued

Daily Discharge in Second-feet

100	b	1 .	(000)	4	Maj	1 -	2-1	1.4	hept	l ret	\=	Line
1927					61. 6-							
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		6 6			1 4	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5						
Source 8					11	No.						

TABLE 61, KINGS RIVER IN GREEN SLOUGH Continued

Summary of Monthly Discharge in Acre-feet

1930	woll o Z	;
1929	wob ov	
1928	woll o.Z.	
1927	\$01 3,560	8.179
1926	No flow	
1925	158	1,071
1924	woft o.Z.	
1923	5,376 7,241 2,976 1,014	16,607
1922	3,370 11,573 5,376 6,085 15,929 2,976 1,087 1,881 1,014	29,383
1921	3.370 6,085 1,087	10,542
1920	No Record	
1919	No Record	
1918	No Record	
	January February March March May June June August Cetolor December	Totals

TALL OF KINDS RIVER IN SAN ON SHOW HE

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		-		4	000						

TABLE 62. KINGS RIVER IN SAN JOSE SHOUGH - Continued

Daily Discharge in Second-feet

Day	Jan.	Feb.	March	April	May	June	Jay	Visc.	Sept.	Oet.	Nov.	Dec.
1923 - 1 2 3 4 5 .					7 4 4 8 15	172 133 57 75 58	4 6 8 17 22					
6 7 8 9				1 75 5 31	24 80 153 225 302	47 39 32 28 24	21 22 15 12 9					
11 12 13 14 15				34 133 111 85 69	385 483 457 509 560	50 196 350 316 221	69 18 3					
16 17 18 19 20				64 71 95 56	585 675 770 812 781	156 110 92 75 60						
21 22 23 24 25				67 55 50 40 30	675 536 341 265 315	45 41 26 31 25						
26 27 28 29 30 =				23 17 9 6	420 515 482 373 298 223	20 16 12 8 6						
1925 · 1 · 2 · 3 · 4 · 5					39	69 49 26 3						
6 - 7 8 9 - 10					86 113 123 118 64							
11 . 12 13 14 15	: :-:::				24 5	13 71 104						
16 17 18 19 20						17 13 0 0						
21					79	5						
26 27 28 29 30 31					150 225 231 178 238 126							

IN L. K.S. RIV RIN SAN JONESLOU HI C. Lived

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TABLE 62. KINGS RIVER IN SAN JOSE SLOUGH Continued

Summary of Monthly Discharge in Acre-feet

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1929	woll o.l.	i
1928	woft o.V.	
1927	1,022 14,783 19,515 6	40,2,2
 1926	1,107	6,577
1925	3,602 8552 8552	4,457
1924	woll o'N	
1923	2,507 22,251 5,117 5,207	30,232
1922	2,843 844 814 81 81,476 7,512 880	147,616
1921	18,296	22,989
1920	No Record	P P P P P P P P P P P P P P P P P P P
1919	No Record	0 0 0 0 0 0 0
1918	No Record	
	January February March March April June July July Septomer (Actober November	Totals

THE F. K.S. RIV R LEIOW EMPREWEIR NO. 2

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TABLE 63. KINGS RIVER BLLOW I MPIRE WEIR NO. 2 Continued

Daily Discharge in Second-feet

Day Jan. Feb. March April Jule 115 Aug Sept (let Vov Dec 1922 175 135 212 5 1 3,640 4,000 4,190 -,950 3,540 3,980 4,240 4,320 4,240 56 56 50 67 8 9 45 10 H 3,670 3.050 2,500 2,170 1,910 12 13 40 25 0 14 15 1,370 950 1,100 16 17 18 19 41 100 202 967 1,320 1,735 20 1,750 1,610 1,250 1,260 21 22 23 24 25 1,870 1,510 1,700 1,340 1,450 2,000 2,310 2,740 2,540 3,180 530 26 27 28 29 30 410 3,500 1923 1 2 3 30 5 40 29 22 12 10 6 S 100 343 582 13 14 \$20 \$25 1,068 1,120 1,225 17 18 14 13 16. 17 18. 19. 20 1,265 1,120 4 #7 355 230 21 22 23 24 25 26 27 28 29 30 40

IMILE & KING RIVER BLIO EMPIRE WERE NO 2 - C - stimued Da y I scharge is Se and-feet

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					8	15						
4												
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					100							

TABLE 63. KINGS RIVER BELOW EMPIRE WEIR NO. 2-Continued

	1530	wst (/	
	1929	woh oz	
	1928	woft oX	
	1927	# 61 # 61 # 75	6,869
	1926	woll . Z	
	1925	woll o.Z	:
Acre-fec	1924	woh o Z	
harge in	1923	387 27,878 77,88 814 526	28,692
Summary of Monthly Discharge in Acre-fect	1922	53,387 27,878 140,798 814 2,526	112,961
ry of Mor	1921	230	10,306
Summa	1920	2,184	3,101
	1919	Уо Весога	
	1918	ЬтоээЯ о∵	
		January February March April May June July August September Cockober December	Totals

TALL A KING BIVER AT LEKE IN PARTICIPATE

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							S	le t			
100	-	-	=	•	100	1000		1-4	250	0.00	1000
1919 4						1 () () () () () () () () () (
1925				4							
						131					

TABLE 64. KINGS RIVER AT LEKHORN GRADE NEAR BURRLE Continued

Daily Discharge in Second-feet

=- Day	Jan.	Feb.	March	Viril	VI_s		J Is	1 8	~t	(-1	1.4	De
1921 1 2 3 4 5						6 - 1 - 10 - 0 - 7 - 4 - 7						
6 7 8 9 10 .						1,1 + 1 + 1 + 1 + 1 + 2,5 + 1 2,7 7						
11 12 13. 14 -					140 608)(** 5} 						
16 17 18 19 - 20					755 173 783 435 245	2,155 1,1, 6 444 102 203						
21 22 23 24 25					217 224 224 224 224	168 140 133 287 350						250 470 259 215
26 27 28 29 30 31					224 -24 -552 1,230 1,40 1,128	204 196 140 105 84						470 610 990 1,010 470 350
1922— 1	272 385 915 1,907 1,333		765 605 440 352 332	446 643 593 466 454	118 180 268 545 783	4,883 4,99n 5,025 5,046 5,096	2,173 1,612 1,227 283 1,044					
6. 7 8 9	847 766 670 559 472		302 254 215 196 178	519 319 176 84 31	1,444 2,126 2,710 3,131 3,2 3	5,226 5,456 5,550 5,456 5,283	\$47 613 487 366 254					
11 12 13 - 14 15 -	452 357 310 269 269	885 1,422 2,099 1,524 1,088	170 164 156 146 139	17 12 9 7 6	2,088 783 427 352 1,285	4,968 4,616 4,370 4,154 3,792	103 144 111 55 67					450 714 1,098 1,958
16 17 18 19 20	260 221 180 322 310	879 780 6, 3 595 580	132 184 1,007 1,064 503	5 + 4 4	2,153 1,374 2,315 2,575 3,352	3,157 3,263 3,659 4,009 4,071	58 13 15 31					1,501 1,122 282 8 7 780
21 22 23 24 25	236 173	668 1,006 1,016 841 763	724 670 668 675 786	4 4 4 5	3,672 ".4-1 3,041 5,157 ",6+5	4,000 3,775 ,745 3,284 2,947	27 25 20 20 21					764 652 613 547 568
26 27 28 29 30 31		780 792 812	\$70 635 711 437 387 387	4 16 26 47 75	4,092 4,512 4,511 4,420 4,581 4,707	2.830 2.85 2.67 3.041 2.80	20 19 18 18 17					552 55.9 55.3 541 590 6.3

Dol | 1 scharge in Sc. sid-feet

f = i	4	1	Agen		U.	1	700	4-4	No. 4	(Ht	5	[beg.
1923						_						
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4												
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1						3						
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ě					3	1						
4						1.7						
-					3							
Dogos					444							

TABLE 64. KINGS RIVER AT ELKHÖRN GRADI. NI AR BURREL. Continued

Daily Discharge in Second-feet

Dany Discharge in Second-reet												
Day	Jan.	Feb.	March	April	May	June	Jaly	lug	Sept	Oet,	10	Dec
1926 1 2 3 4 . 5					220 225 103 196 615	5 6 4						_ () }e
6 8 - 9 - 10 -					965 \$30 170 33 19							
11 12 13 14 15					9 6 4 3							
17 18 19 20	******				135 700 670 590							
22 23 24. 25				6 165	\$35 630 390 285							
26 27 28 29 30				550 480 295 195	30 21 17 12 10						276 \$50 1,115 637	
1927 - 1 2 - 3 5 5			115 95 100 60 20	75	605 830 700 700 1,120	550 565 565 445 485	115 25 20 15 15	:				
9				105 70 40 25	1,290 1,490 1,410 730 125	800 1,260 1,740 2,060 2,030	10 10 10 10					
13 14 15					75 70 340 940 1,330	1,700 1,390 1,350 1,530 1,850					560 3 10 250 403	
19		190 1,065 950 1,510			1,840 2,090 2,450 2,970 2,970	2,170 2,030 1,835 1,780 1,650					230 225 220 60	
21 22 23 24 25		1,390 770 675 475 260		15	2,450 1,980 1,140 465 470	1,470 1,120 880 67 435					20 20 20	
26 27 28 29 30 31		245 295 210		25 45 445 335 385	730 1,060 1,260 1,130 750 545	. 50 310 500 400 225						

TALLE OF SESSIVE AFTERDRY GRADEN REPRETE COLORS

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TABLE 65. KINGS RIVER IN FRESNO SLOUGH

Located in Section 35. Fownship 15.8 at R. g. 10. at C. g. m. t. r. g. wood highway bridge. Equipped with a liven circumster in r. g.

Daily Discharge in Second-feet

Day	Jan.	Feb.	March	April	May	June	Taly	Aug	Sept.	190	NW	120 1
927 1 2 3 4 5					55 46 30 25	23 13 28 48 37	39 10 0					
6 7 8 9					62 74 78 109 60	35 41 98 160 161						
11 12 13 14 15					13 0 0 9 86	152 114 52 77 97						
16 17 18 19 20 .					121 188 222 285 321	153 193 177 148 150						
21 22 23 24 25					315 240 137 66 17	131 85 46 48 42						
26 27 28 29 30			::		8 57 68 77 48 24	35 26 20 32 49						
Total ac. ft.		1			5,631	4,952	97					

Discharge for the year 1927, 10,680 acre-feet. Register installed on April 27, 1927. No record prior to that date No flow at this station during the years 1925, 1929 and 1930.

TABLE - KIN - RIVER IN ER SNO SER JE BY-PASS

				Da	1-1	rathe	Serve	-leet				
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1977		Page	Marie		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2) 2) 4 4 4 4 4 7	1	4			-2 () ()	[box
Contract back				4	6.6						2	
ī				- 4	£1,1111	0.00					1,000	

TABLE 67. MISCELLANFOUS DISCHARGE MEASUREMENTS

Kings River at Back Channel Alta Channel

Date	Gage height	Discharge	Date	Gilge height	Discharge
1919 July 15 July 21 July 26 August 6 September 8	36 343 26 0 10 -0 01	92 69 86 26 72 80 48 77 35 33	1924 February 29 April 8 June 5	0 21 0 85 0 45	51 6 154 14 50 36
1920 — March 5 April 22 August 2 August 17	0 80 1 48 0 18 0 09	167 02 141 74 54 7 44 1	March, 17 July 24 1926 June 16 July 2	1 13 0 52 0 76 0 46	296 4 100 5 159 2 52 3
1921— July 23	0 82 0 22	188 96 9 09	1927 Aug st 3 August 5	0 30 0 39	55 02 66 08
1922— August 7. September 11	0 345 0 21	70 3 46 9	1928 — March 17 July 24	0 40 0 05	64 77 26 99
1923 — March 13 August 2	0 94 0 45	222 33 93 2			

Kings River at Dennis Cut

Date	Gage height	Discharge	Date	Gage height	Discharge
1926— July 14 July 15 July 20 September 8	-3 74 4 06 4 12 4 40	51.57 32.76 24.58 8.74	1927 August 5 August 16 August 12 September 5 September 6 September 13	-3 54 -3 76 -4 10 -4 05 -4 20 -4 35	66 32 47 23 22 29 26 37 17 35 15 35

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CHAPTER V

STUDIES OF THE DIVISION OF WATER BETWEEN NORTH AND SOUTH FORKS OF LOWER KINGS RIVER

About five miles downstream and southwesterly from the town of Laton, Kings River divides into two forks. One flows in a northerly direction and joins the San Joaquin River near Mendota, the other flows in a southerly direction and empties into the Tulare Lake Basin some two or three miles southwest of Stratford. From old reports, publications, and testimony in the courts, it is apparent that in times past considerable change has occurred in the relative quantities of water flowing to the north and to the south. The records of measurements made in recent years indicate that some changes are even now taking place.

To obtain an accurate record of what was transpiring, as regards division of water, gaging stations were established and studies initiated in 1921 which have been continued to date. It will be noted from the map accompanying this bulletin that some of the gaging stations are located a number of miles from the points of division. As these were the only possible sites for stations, there was no choice in their selection. No corrections have been made for seepage losses in the channels between points of division and measurement. In the tabulations the flow to the north consists of the river flow at Elkhorn Grade near Burrel and the diversions by the Summit Lake Riparian, Crescent, Stinson and Hite canals. The flow to the south is the sum of the flows in San Jose Slough, Clarks Fork and Green Slough. In the year 1924 no water reached the points of division, in fact no water passed the Lemoore Weir. In the years 1928, 1929 and 1930 no water entered the channels leading to the south.

26-68858 (101)



TABLE 68. STUDIES OF THE DIVISION OF WATER BETWEEN THE NORTH AND SOUTH FORKS OF LOWER KINGS RIVER

About five miles downstre in forks. One flows in a northerly a southerly direction and empties in a tour of the form old reports publication in the following the form of the following

Day	Discharge, Kirg River at Piedra, second-feet	D arge at	t v	ta barg at iv .	Per t	Fret
Summary for month of January = 1921 2 3. 4 5	750 701 657 615 615					
6 7 8 9 10	550 550 440 440 550					
11 12	508 472 472 490 430					
16	430 430 2,500 1,770 1,210	11 164		11 10-l	100 100	
21 22 23 24 25	1.040 924 533 812 819	127 12 73 . ``		177 126 7	1(M) 1(M) 1(M) 1(M)	
26	\$12 952 1,330 966 1,050 1,130	17 12 22 18		17 12	1(%) 1(%) 1(%)	

TABLE 66 SHEERS OF THE DIVISES OF WATER LITTUS SHEET AND SOUTH TO RESCUE TOWER KINDS RIVER. (1981) and 1982.

filled a fill female Winds Winter									
		Total			-				
	4 11 4 4 4 4 4 4 4 4	1000 m (666)							
	es min en								
	THE WITH SHEET		Since score have	-					
	SECURITY OF SECURITY		11						

TABLE 68. STUDIES OF THE DIVISION OF WATER BUTWIEN THE NORTH AND SOUTH FORKS OF LOWER KINGS RIVER. Continued

Day	Di charge, kings River at Piedra,	Di charge	at div - in, d-lect	Total	Per ent	Pr
	second-feet	North Tork	So th fork	of the section of the	diren	th
Summary for month of April-1921						
1 2 3 3 4 5 5 5 5 5 5 6 7 6 7 7 7 7 7 7 7 7 7 7 7	2,600 2,090 3,240 2,810 2,520	20 10 12 19 11		20 10 12 19	17H) 17H) 17H) 17H) 17H)	
6 7 8 9	2,240 2,130 2,130 2,300 2,300	9 8 9 9		00 00 00 00 00 00 00 00 00 00 00 00 00	100 100 100 100 100	
11 12 13 14 15	2,350 2,180 2,300 2,180 1,920	15 7 8		9 25 15 7	100) 16=1 100 100 100	
16 17 18 19 20	1,870 1,870 1,970 2,300 2,350	9 9 10 10 13		9 9 10 10 13	100 100 100 100 100	
21. 22. 23. 24. 25.	2,900 4,100 4,910 3,950 3,240	19 25 22 18 25		19 25 22 18 25	100 100 100 100 100	
26 27 28 29 30	3,430 4,250 5,680 6,500 7,440	20 15 14 61 169		19 15 14 61 169	100 100 100 100	
Summary for month of May -1921 1	7,680 6,960 6,500 6,080 5,680	299 445 407 339 281		200 445 407 339 281	100 100 103 144 100	
6	4,910 4,250 4,100 4,560 6,080	193 152 119 88 68		193 152 118 88 68	1-10 1-30 1-50 1-00 1-20	
11 12 13 14 15	7,680 8,960 10,100 9,780 9,500	52 66 222 465 93 Y	180 260	52 66 222 645 1,1,19	100 100 100 72 78	39
16 17- 18 19 .	9,780 7,200 5,680 4,560 4,100	1,107 1,304 1,078 709 460	380 524 325 207 143	1,487 1,828 1,403 916 603	75 71 77 77 76	25 29 23 23 24
21. 22- 23 24 25	4,560 4,560 4,730 4,560 4,910	385 336 302 357 345	97 6 (50 4 % 3 %	182 405 421 405 383	\$0 \$1 \$1	20 17 14 12 10
26 27 28 29 30	6,080 7,920 7,920 7,200 5,680 1,564	. 57 449 853 1,491 1,627 1,3 8	41 (15 (52 (71) 711	35.1 413 1.165 2.14 2.403 2.152	92 91 73 7	10 32 34

TABLE TO ER KIN S RIVER TO THE S REIL AND SOUTH

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	Œ	- 1			100	er			
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	4 4 4		0 C						
•	Size Will State	11/12-0	. 6	be tastil.	41 11 10 44 44	11 190tt			
	Water febru trans								

TABLE 68. STUDIES OF THE DIVISION OF WATER BETWEEN THE NORTH AND SOUTH FORKS OF LOWER KINGS RIVER. Continued

D.	Discharge, King River	Di charge a		Ent 1	l'er cent	Per cent
Day	at Piedra, second-feet	North fork	South fork	at discolar coll-fort	rerth	->)th
Summary for month of January 1922	2,230	179	0	172	100	
1	5,960 2,500 1,880 1,560	272 385 915 1,907 1,333	0 0 10	353 915 1, 107 1, 333	[40] [40] [40] [40]	
6 7 8 9	1,350 1,310 1,120 1,040 965	\$47 766 670 559 472	() () () () ()	\$47 766 670 559 472	100 100 100 100 100	
11	928 834 890 883 848	452 357 310 269 269	() () () ()	452 357 310 263 269	100 100 100 100 100	
16	805 729 694 644 628	260 221 180 322 310	0 0 0 0	2n0 221 180 322 310	100) 100) 100) 100)	
21 22 23 24 25	612 596 550 600 600	236 173 0 0	0 0 0 0	236 173 0 0	100 100	
26	600 600 600 550 715 764	0 0 0 0 0	0 0 0 0 0	0 0 0 0		
Summary for month of February 1922 1	701 674 668 680 650	0 0 0 0 0	0 0 0 0			
6	620 662 769 2,190 2,610	0 0 0 0 0	0 0 0 0 0			
11	5,870 2,620 1,970 1,840 1,700	\$85 1,422 2,099 1,524 1,088	90 429 556 25 1	975 1,851 2,655 1,806 1,258	91 77 79 84 86	9 23 21 16 14
16	1,610 1,560 1,560 1,560 1,840	\$7.4 780 693 595 550	114 79 59 44 40	633 550 752 639 620	91 92 93 94	12 9 8 7
21	2,100 1,740 1,4%0 1,430 1,5%0	668 1,006 1,016 841 763	37 49 77 73 57	705 1,055 1,093 914 520	95 95 93 92 93	5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
26	1,480 1,700 1,390	780 792 812	43 0 0	423 742 412	95 (00 (00	((

^{*}Some water entered the channels leading to the south, but not in sufficient quantity to reach the gaging state in

TARREST OF THE PROPERTY OF THE SOUTH

	55	Property of	-			ZF.
		-				
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TABLE 68. STUDIES OF THE DIVISION OF WATER BETWEEN THE NORTH AND SOUTH FORKS OF LOWER KIN AS RIVER. Continued

Day	l · · · · · · · · · · · · · · · · · · ·	1 -	t i t) TIE	ront	lire t
1.07	k + liv + t -lr. -cri-f +) rt f r	ith f r	t - 1-f + t	t *h	- ith
Summary for month of May-1922	0 ± 0	10		411	(4%)	
2 3 4 5.	7 (40 7 (0) 5 17t 10 (00)	111 500 1,000	21.2 31	767 1,0 ± 1,420	95 *1 77	5 20 13
6 7 8 9	12,600 17,700 11, 00 8,420 6,410	1,678 2,38 2,155 7,381 3,414	1,675 1,780 1,812 1,812	2, 54 5 646 4, 646 5, 3, 3 4, 7, 22	73 65 65 72	47 13 15 35 48
11. 12 13 14	5,640 5,730 6,810 8,140 9,760	2,323 1,017 612 503 1,538	6.8 373 114 551	.,021 10 207 765 2,054	7.5 7.1 7.4 7.4	23 27 29 26 26
16. 17 18 19 20	5,6% 11,300 12,500 12,700 10,000	2.5%2 2.5%2 2.54) 3.1%2 2.5 ()	\$80 1.1 \text{ \text{ \text{ \text{1.711}}} \text{ \ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \	1,280 162 3,7 × 4,7 + 5,074	73 75 15 64 63	27 25 . 2 36 37
21 22 23 24 25	0,200 10,600 E.,6 N) 15,10 15,50	3,406 3,853	2,0°Q 1,684 1,66) 2,018 2,452	5.1 % 1 5.4 % 4 * * * * * * * * * * * * * * * * * * *	65 66 63 61	35 32 1 37 30
26 27 28	12,300 13,710 14,400 14,800 15,50 15,00	4.212 4.613 4.613 4.523 4.455 4.817	2,837 3,419 2,391 5,154 3,681 3,637	7,04 8,078 7,610 7,677 8,566 ,754	60 58 61 59 56 55	40 42 41 41 44 45
Summary for month of June 1922 1	15,100 14,400 15,500 15,700 17,100	4.(8) 5.(678) 5.100 5.131 5.181	4,350 4,606 4,535 4,360 4,645	9,333 9,1%4 1,144 9,521 9,521	53 52 53 54 53	47 48 47 46 47
6 7 8 9	15,500 15,500 14,800 12,900 11,900	5,303 5,528 5,618 5,532 5,37 s	4.918 4.53 4.883 4,503 3,795	10,221 10,4 3 10,503 10,035 9,153	52 53 53 53 59	49 47 47 45 41
11 12 13 14 15	11,300 10,900 10,300 8,170 9,480		3,071 2,510 2,180 1,845 1,563	8,113 7,21% 6,6±0 6,0±6 5,417	62 65 67 70 71	38 35 30 29
16 17 18 19	11.307 12.100 11.90 11.6 0 12.200		1.505 1.740 2.0×2 2.4±5 2.570	4.725 5.070 5.81 6.711	65 64 63 62	32 35 36 37
21 22 23 24 25	11 b 0 10, 00 4,2) 9,2() 9,3 ()	4,079 4 044 3,509 -35 1,003	2,627 2,255 1,850 1,420 1,270	6,7 1 6,2 5,65 4 4,7 5 4,275	61 64 67 70 70	3 1 36 30 30
26 27 28 29 30	10,000 19,00 9,760 8,50 7,60	2, 5) 3,0 (2, .1) 8 2, 4	1.55	4.=01 4.3=2 4.4*5 4.4 % 4.65	€ 4 € 3 ₹ 3 ₹ ()	31 31 30

TABLE M. STUDIES OF THE DIVISEN OF WATER BETWEEN THE NORTH AND SOUTH FORKS OF TOWER KEN AS RIVER. C. - C. Gold

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One Con	250	₹.	-	3=-5			
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1	4	4. 	4.6	100	4.	6.0 6.5	
1	100	4 4	4	100.1	0 0 0 . d	5000	
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	1 760 1 100 1 100	4			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
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TABLE 68. STUDIES OF THE DIVISION OF WATER BEIMFEN THE NORTH AND SOUTH FORKS OF LOWER KINGS RIVER. Continued

Day	Di charge, Kings Liver	Duch irge a		Total	Per cent north	Per cent
	at Piedra, second-fect	North fork	South fork	at division, econd-feet	north	4)([1]
Summary for month of January = 1923	998	550		550	100	
3 4 5	932 788 750 701	575 610 530 290		575 610 530 290	100 100 100 100	
6	701 694 694 708 736	231 228 228 224 223		234 228 225 224 223	100 100 100 100 100	
11 12 13 14 15	743 715 673 638 631	267 168 119 113 106		267 168 119 113 106	100 100 100 100 100	
16 17 18 19 20	631 666 855 715 715	93 109 99 106 129		93 109 99 106 129	100 100 100 100 100	
21 22 23 24 25	722 694 1,190 1,820 1,780	115 101 107 155 265		115 101 107 155 265	100 100 100	
26 27	1,460 1,130 1,010 1,190 1,420 1,330	649 692 611 425 410 589		649 692 611 425 410 589	100 100 100 100 100 100	
summary for month of February 1923 1	1,150 1,010 938 908 945	702 624 478 381 361		702 624 478 381 351	100 100 100 100 100	
6 7 8 9	938 922 922 945 862	438 374 322 265 227		438 374 322 265 227	100 100 100 100 100	
11	848 908 885 875 875	198 174 147 125 103		198 174 147 125 103	100 100 100 100 100	
16. 17 18 19 20	908 968 1,050 1,100 1,090	112 118 120 133 147		112 118 120 133 147	100 100 100 100 100	
21 22 23 24 25	1,090 1,0%0 1,100 1,090 1,100	192 169 163 151 145		192 169 163 151 145	100 100 100 100 100	
26. 27. 28.	1,120 1,050 1,030	139 125 120		139 128 120	100 100 100	

TABLE OF SOLD IT IS IN CELATER HITWIN THE NORTH AND SOLDH

	U.	(Miles)				
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TABLE 68. STUDIES OF THE DIVISION OF WATER BETWEEN THE NORTH AND SOUTH FORKS OF LOWER KINGS RIVER. Continued

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Day	Ki gi River at Piedra, second-feet	\rt f-rk	i rk	at s .	fer = t t with	Fr t
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6	7,000 7,870 8,840 9,870 10,100	1 053 1.3 1 1 772 2.153	172 314 4×0 7×0 × 3	450 1,317 1 ×41 2,55× 3,∈40	72 74 13 72	26 20 31
11	10,100 9,870 9,610 9,610 10,700	2,469 2,541 2,542 2,685 2,790	1,009 1,015 1,084 1,207 1,280	3 478 3,536 3,626 3,892 4 070	71 72 70 69	29 31 41 31
16	11,500 11,200 11,200 9,870 9,090	2,820 3,033 3,292 3,459 3,414	1,399 1,647 1,762 1,828 1,492	4,219 4,680 5,054 5,287 4,906	117 113 113 113 113	33 35 35 35 30
21	7,000 6,600 7,570 9,610 10,400	3,102 2,712 1,762 1,401 2,062	1,361 × r2 524 533 ×54	4,463 3,604 2,2% 7 1,934 2,916	75 73 71	31 23 27
26	8,840 7,640 7,000 6,600 5,830 5,150	2.609 2.785 2.406 1.802 1.344 1.055	1,150 1,126 870 5,3 447 341	3,759 3,911 3,276 2,395 1,791 1,396	71 73 75 75	31 29 27 13 5
Summary for month of June - 1923 1	4,400 4,000 4,130 4,260 4,690	754 451 330 230	251 207 167 121 95	1,448 447 351 281	7 / 70 br 6b 66	24 30 34 34 34 34
6	4,540 4,540 4,990 6,400 8,590	152 149 144 150 188	91 86 83 87 90	241 235 227 237 278	63 63 63	37 37 37 37 32
11	9,870 8,590 6,600 5,830 5,150	905 1,985 2,231 1,814 1,420	317 7%7 95% 519 3%7	1,122 2,672 3,089 2,333 1,907	11	28 29 25 22 21
16	4,540 4,000 3,750 3,750 4,250	1.082 786 530 333 208	294 253 194 11h	1,376 1,039 724 449 295	79 70 73 74 70	21 24 27 20 30
21	4,000 3,630 4,000 4,260 4,540	129 87 63 48 40	72 55 56 53 55	2 1 152 119 101 95	64 57 53 52 42	43 47 4× 5×
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TABLE 68. STUDIES OF THE DIVISION OF WATER BUTWELL THE NORTH AND SOUTH FORKS OF LOWER KINGS RIVER Continued

Day	Discharge, Kings River	Di charge a secon		letal duchange	Per cent	Per cent
Day	at Piedra, second-feet	North fork	South fork	at division, occurl-feet	ndrth	outh
Summary for month of June-1925						
1	6,410 5,370 5,370 4,630 3,790	777 507 398 299 202	155 100 56 15 25	932 607 454 314 227	43 53 55 55 59	17 17 12 5
6- 7 8 9	3,410 3,530 3,930 5,050 5,370	109 54 23 21		109 54 23 21	100 100 100 100 100	
11	5,530 6,050 7,010 6,810 5,870	1 46 125 211 293	25 141 201	1 46 150 352 494	100 100 83 60 59	17 40 41
16 17 18 19 20	5,210 5,050 5,050 5,050 5,370	306 292 183 130 66	122 30 0 0 2	428 322 183 130 68	72 91 100 100 97	28 9 3
21 22 23 24 25	5,210 4,770 4,770 4,770 4,630	65 87 52 6	5	70 57 52 6	100 100 100	7
26 27 28 29	4,490 4,350 3,790 3,530 3,290					
Summary for month of April—1926 1 2 3 4 5	1,610 1,480 1,480 1,610 3,790					
6 7	3,939 3,410 5,600 3,370 3,170	103		103	100	
11	3,410 3,170 3,930 4,630 5,690	27		2 7	100	
16 17 18 19 20	6,050 6,230 5,370 4,350 4,070	143 191 230 149		143 191 230 140	100 100 100 100	
21 22 23 24 25	5,050 6,410 7,010 8,280 8,750	45 9 69 228 354	74	45 9 69 228 458	100 100 100 100 84	16
26 27 28 29	8,280 7,830 7,410 7,410 7,410	542 1,111 945 769 605	285 362 246 153 176	930 1,473 1,191 952 781	65 76 79 81 78	35 24 21 10 22

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TABLE 68. STUDIES OF THE DIVISION OF WATER BETWEEN THE NORTH AND SOUTH FORKS OF LOWER KINGS RIVER - Continued

Day	Discharge, Kings River at Piedra,	Disch irge i	nt division, I-feet	Total du harge at division, second-feet	Per cent north	Per c t
	at Petra, second-feet	North Iork	So 1th fork			
Summary for month of December-1926						
1	1,440 1,360 1,330 1,220 1,070	261 116 -		201 116	100	
6	1,000 1,040 902 805 779					
11. 12. 13. 14. 15.	760 740 694 597 545					
16	564 545 545 558 539					
21. 22. 23. 24. 25.	539 545 521 491 455					
26 27 28 29 30 30	4S5 461 467 479 4S5 485					•
Summary for month of February—1927 1	584 564 647 3,920 1,290		22	22.2		[00]
6. 8. 9.	1,000 870 838 727 694					
11	668 623 675 1,770 5,660					
16	6,440 4,300 9,260 6,510 4,350	346 1,229 1,002 1,633	74 365 525 942 1,218	74 711 1,754 1,946 2,851	49 70 51 57	100 51 30 49 43
21. 22. 23. 24. 25.	3,850 4,360 3,290 3,790 3,790	1,484 902 925 780 559	340 105 124 57 24	1,824 1,007 1,049 837 483	90 89 93 93	19 10 12 7 5
26. 27. 28.	3,410 3,290 2,830	550 586 494	56 42 8	606 629 502	91 93 98	2

TABLE 65 STUDIES OF THE DIVISION OF WATER BUTWEEN THE NORTH AND SOUTH FORKS OF LOWER KINGS RIVER - Communed

FORKS OF LOWER KINGS RIVER - Continued						
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TABLE 68. STUDIES OF THE DIVISION OF WATER BETWEEN THE NORTH AND SOUTH FORKS OF LOWER KINGS RIVER Continued

Day	Discharge, Kings River	Discharge a	t divka n, l-feet	Total	Per cent north	Per cent
Day	at Piedra, second-feet	North fork	South fork	at division, second-feet		south
Summary for month of May1927						
2	8,440 8,240	976 1,169	421 376	1,397 1,545	70 76	30
3	9,190	1,006	332	1,338	75	24 25 31
3	9,940 10,800	991 1,390	441 623	1,432 2,013	68	32
6	10,200	1,560	788 771	2,349	67	33
7	7,960 6,340	1,783 1,663	771 364	2,554 2,027	70 92	30 19
8 9 10.	5,430	951 344	156 57	1,107	86 86	14
	5,460			401		11
11	6,440 7,500	284 294	24 72	30% 366	92 80	
12 13 14	9,820 11,900	567 1.154	205 437	772 1,591	73 73	21
15	11,000	1,519	904	2,423	63	31
16	13,100	2,031	1,156	3,197	64	30
17	14,000 12,500	2,253 2,615	1,549 2,198	3,402 4,813	59 54	4 41
19 20	11,300 10,400	3,140 3,167	2,159 1,464	5,299 4,631	59 68	4 3:
		2,643	1,032	3,677	72	2
21	7,750 6,120	2,160	522	2,682	81	1
22 23 24	5,590 6,300	1,299 620	192 90	1,491 710	87 87	1
25	8,220	615	61	676	91	
26	9,180	857	247	1,104	78	2
27	8,640 7,460	1,214 1,410	543 491	1,757 1,901	69 74	2
29	6,340 6,290	1,266 920	311 204	1,577 1,124	80 80	2
30	6,400	707	151	858	82	1
ummary for month of June-1927				100	0.00	
1	6,940 6,300	722 740	158 167	907	82 82	1
3	6,540	777 658	148 161	925 819	84 80	1
5	7,740 9,280	691	277	968	71	2
6	10,300	991	616	1,607	62	3
0	11,600 10,700	1,404 1,872	913 1,321	2,317 3,193	61 59	3
8	9,590	2,198	1,460	3,658	60	4
10	9,300	2,199	1,208	3,407	65	
12	9,320 9,820	1,920 1,619	924 953	2,844 2,472	68 66	3
13	10,700	1,593 1,778	\$60 1,164	2,453 2,942	65 61	3
14	11,600 10,700	2,117	1,104	3,716	56	4
	10,500	2,423	1,578	4,001	61	3
16	10,500 10,000	2,286 2,090	1,289 1,205	3,575 3,295	64 64	3
18	9,800	2,049	1,069	3,118	66 66	
20	9,160	1,894	963	2,857		3
21	8.700 8.650	1,716 1,364	745 550	2,461 1,944	70 70 71	3
23	7,630 7,120	1,159	467	1.626	71	
24	7,120 6,960	975 690	284 161	1,259 851	SI	
		607	172	779	79	
26	7,980 7,190	578	253 305	831 1,071	70 71	
27 28 29	5,180 4,310	766 641	105	746	96	
30	3,730	327	40	367	41	

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TABLE 68. STUDIES OF THE DIVISION OF WATER BETWEEN THE NORTH AND SOUTH FORKS OF LOWER KINGS RIVER—Continued

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	December		31,517 31,517 1,530 33,647 5,5		92. 00000	
	November December				70000	
	October				5.000000	
	September				4,5 ₂ 0 0 0 0 0 0	
	August				0 0 0 0 0 0 0	
	July	129,380 90,2 210 1,172 82 18	226,400 26,504 11,020 38,514 69	374,000 3,970 1,077 5,047 70 30	500000	
	June	414,220 75,687 33,820 109,513	705,800 251,525 164,804 415,629 611	305,000 22,23,4 11,33,2 40,570 23,2	31,100	2017 2017 2017 2017 2017 2017 2017
1001-	May	390,390 33,108 9,633 42,741 78	065 F00 164,650 90,979 255,520 84	502,000 117,455 50,643 165,653 70 30	145,500	388.38 8.08.08 8.08.08 8.08.08 8.08.08 8.08.08
1001-212V_TINO	April	184,740 1,251 0 1,251 100 0	163,100 11,478 82 11,560 99	208,000 25,757 11,064 36,851 70 30	2115 2000 0000	
5	March	132,950 3,778 0 3,776 100 100	31,322 841 841 32,166 95	81,260 711 741 100	20°00 20°00 20°00	
	February	92,180 628 6 628 1000	84,102 4,354 8,456 89,456	55,000 13,330 0 13,330 190 0	01.00 0.00 0.00 0.00	
	January	50,466 1,353 0 1,353 100 0	08,500 22,730 0 104 104 0	56,270) 15,045 0 0 19,045 100	13,890	
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- Biennial Report, Division of Englneering and Irrigation, 1924-1926.
- Biennial Report, Division of Engineering and Irrigation, 1926-1928.

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